

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
 Data File : BP013721.D
 Acq On : 02 Feb 2023 21:46
 Operator : CG/JU
 Sample : 01314-21MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 02 23:47:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 00:55:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	301286	20.000	ng/u1	0.00
20) Naphthalene-d8	10.963	136	1322899	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	951453	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	2294013	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	2265917	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	2507922	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.476	96	30284	4.262	ng/uL	0.00
4) Pyridine-d5	3.917	84	190103	9.323	ng/u1	0.00
7) Phenol-d5	7.281	99	144191	5.445	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	470561	30.300	ng/u1	0.00
11) 2-Chlorophenol-d4	7.658	132	423855	21.836	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	281988	13.358	ng/u1	0.00
21) Nitrobenzene-d5	9.305	128	279259	33.091	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	311163	31.639	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	623604	27.115	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	717874	23.633	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	2453537	32.714	ng/u1	0.00
49) Acenaphthylene-d8	14.469	160	2633440	31.781	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	70541	5.580	ng/u1	0.00
60) Fluorene-d10	15.763	176	2182022	33.754	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	426611	33.185	ng/u1	0.00
73) Anthracene-d10	17.628	188	3593771	33.608	ng/u1	0.00
81) Pyrene-d10	19.845	212	4569373	36.156	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	4433956	34.633	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.517	88	28645	3.868	ng/uL	99
5) Pyridine	3.934	79	203518	9.913	ng/u1	100
6) Benzaldehyde	7.264	77	519910	48.969	ng/u1	97
8) Phenol	7.305	94	164945	6.087	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.546	93	674231	30.962	ng/u1	95
12) 2-Chlorophenol	7.693	128	456775	23.227	ng/u1	98
13) 2-Methylphenol	8.575	108	338893	16.379	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.658	45	793463	30.775	ng/u1	99
16) Acetophenone	8.963	105	1061635	32.261	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.946	70	538957	32.694	ng/u1	100
18) 4-Methylphenol	8.905	108	327622	14.580	ng/u1	100
19) Hexachloroethane	9.228	117	224756	29.199	ng/u1	98
22) Nitrobenzene	9.352	77	1160159	50.899	ng/u1	98
23) Isophorone	9.881	82	1634621	31.324	ng/u1	100
25) 2-Nitrophenol	10.069	139	349162	32.087	ng/u1	96
26) 2,4-Dimethylphenol	10.116	107	583938	23.750	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.358	93	986836	31.204	ng/u1	99
29) 2,4-Dichlorophenol	10.605	162	633598	28.466	ng/u1	99
30) Naphthalene	11.016	128	2131212	30.481	ng/u1	99
32) 4-Chloroaniline	11.122	127	730697	23.902	ng/u1	100
33) Hexachlorobutadiene	11.299	225	464950	29.619	ng/u1	98
34) Caprolactam	11.910	113	24988	3.320	ng/u1	85
35) 4-Chloro-3-methylphenol	12.222	107	617195	25.889	ng/u1	96
36) 2-Methylnaphthalene	12.610	142	1579190	31.731	ng/u1	99

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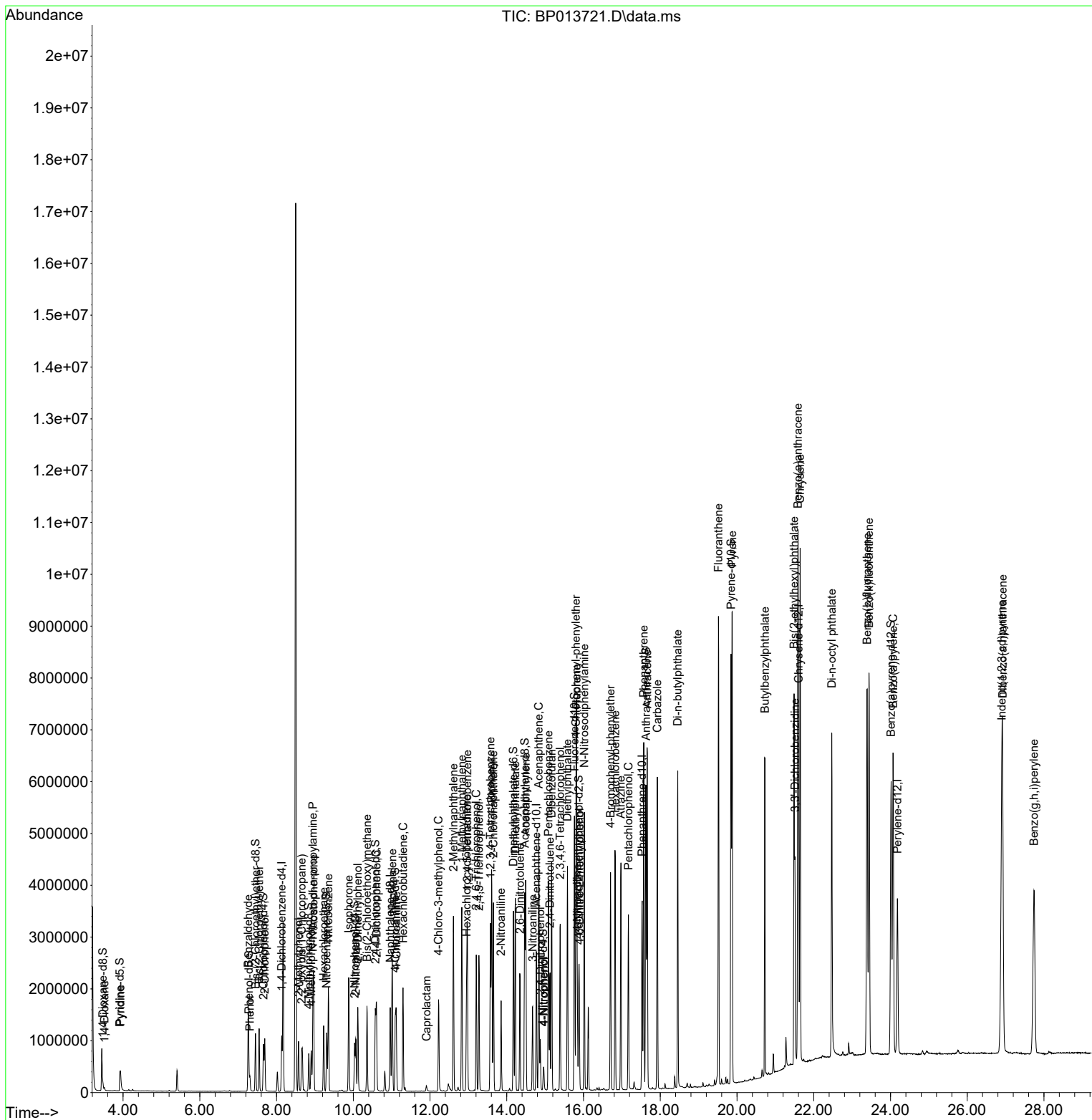
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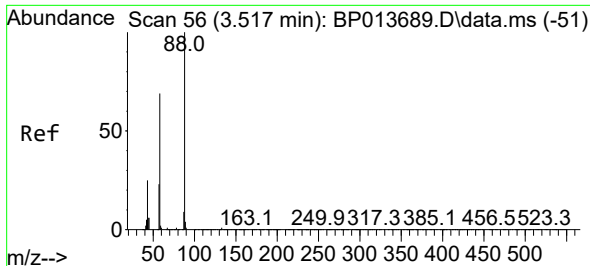
Quant Time: Feb 02 23:47:18 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.828	142	1628053	32.389	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.975	216	1020185	32.460	ng/ul	99
40) Hexachlorocyclopentadiene	12.951	237	443234	25.083	ng/ul	100
41) 2,4,6-Trichlorophenol	13.204	196	663750	31.881	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	728943	32.126	ng/ul	98
43) 1,1'-Biphenyl	13.604	154	2292283	31.821	ng/ul	99
44) 2-Chloronaphthalene	13.651	162	1815903	31.862	ng/ul	99
45) 2-Nitroaniline	13.851	65	446671	41.172	ng/ul	98
47) Dimethylphthalate	14.222	163	2520046	34.106	ng/ul	99
48) 2,6-Dinitrotoluene	14.346	165	467655	44.412	ng/ul	95
50) Acenaphthylene	14.493	152	2846855	32.581	ng/ul	100
51) 3-Nitroaniline	14.675	138	417509	37.512	ng/ul	98
52) Acenaphthene	14.834	153	1993703	33.203	ng/ul	100
53) 2,4-Dinitrophenol	14.875	184	230845	28.225	ng/ul	99
55) 4-Nitrophenol	14.969	109	57087	5.924	ng/ul	91
56) Dibenzofuran	15.169	168	2970546	34.058	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	703003	42.506	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.393	232	721187	33.819	ng/ul	96
59) Diethylphthalate	15.581	149	2491475	35.124	ng/ul	99
61) Fluorene	15.822	166	2429939	34.234	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	1348046	34.859	ng/ul	98
63) 4-Nitroaniline	15.840	138	495576	47.553	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.893	198	439362	34.341	ng/ul	96
67) N-Nitrosodiphenylamine	16.022	169	2110746	34.089	ng/ul	100
68) 4-Bromophenyl-phenylether	16.704	248	927797	35.548	ng/ul	99
69) Hexachlorobenzene	16.828	284	1079901	35.268	ng/ul	97
70) Atrazine	16.975	200	881857	35.387	ng/ul	100
71) Pentachlorophenol	17.169	266	643664	32.934	ng/ul	98
72) Phenanthrene	17.569	178	4228740	34.898	ng/ul	99
74) Anthracene	17.663	178	4229499	34.461	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.575	216	1039564	31.809	ng/ul	98
76) Pentachlorobenzene	15.087	250	1132514	33.801	ng/ul	98
77) Carbazole	17.922	167	3852537	36.183	ng/ul	100
78) Di-n-butylphthalate	18.457	149	4427405	35.192	ng/ul	100
80) Fluoranthene	19.516	202	5452910	37.018	ng/ul	98
82) Pyrene	19.875	202	5610464	37.253	ng/ul	100
83) Butylbenzylphthalate	20.728	149	1875286	43.340	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.510	252	1216864	23.644	ng/ul	98
85) Benzo(a)anthracene	21.586	228	5651630	36.280	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	2869321	38.678	ng/ul	98
87) Chrysene	21.645	228	5372582	36.632	ng/ul	99
89) Di-n-octyl phthalate	22.469	149	4925702	37.285	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	6091914	37.210	ng/ul	100
91) Benzo(k)fluoranthene	23.439	252	5738847	36.677	ng/ul	99
93) Benzo(a)pyrene	24.069	252	5066001	35.843	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.898	276	6065500	34.637	ng/ul	100
95) Dibenzo(a,h)anthracene	26.921	278	5086013	35.034	ng/ul	100
96) Benzo(g,h,i)perylene	27.739	276	4693412	33.879	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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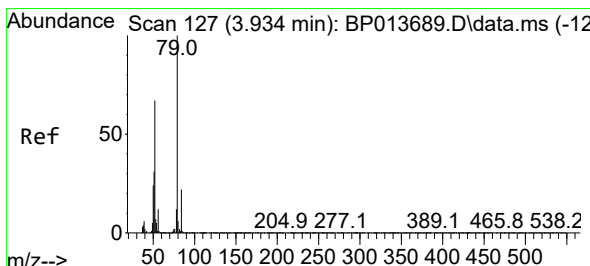
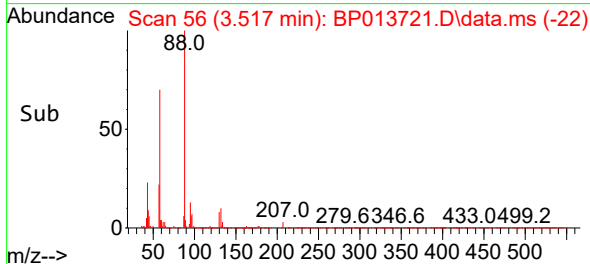
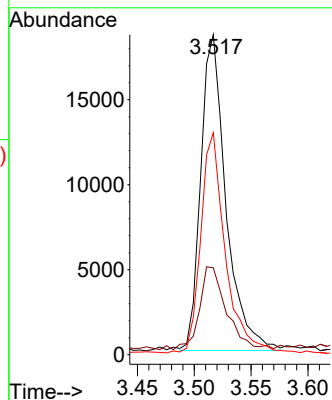
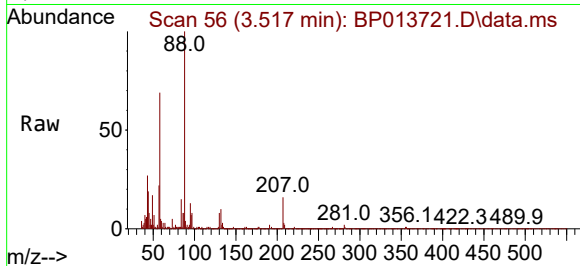




#2
 1,4-Dioxane
 Concen: 3.868 ng/uL
 RT: 3.517 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BP013721.D
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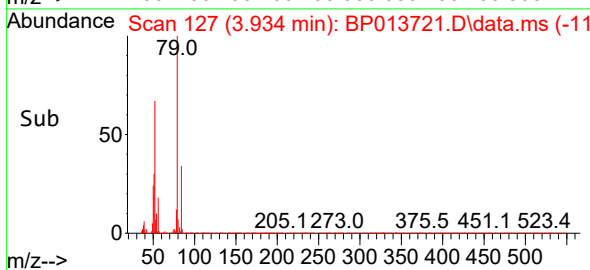
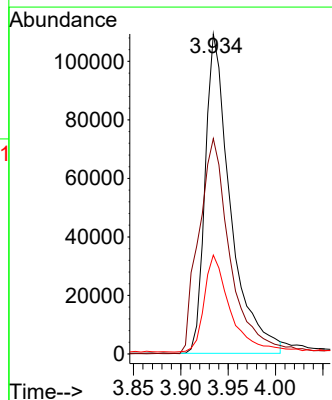
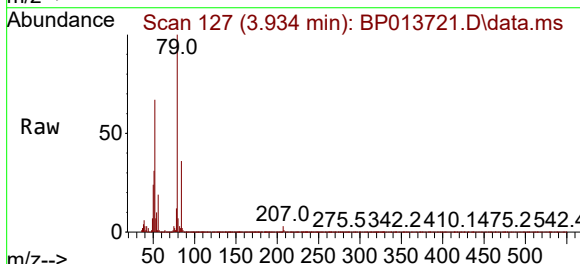
Instrument :
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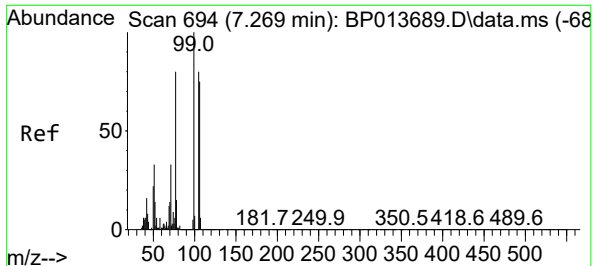
Tgt Ion: 88 Resp: 28645
 Ion Ratio Lower Upper
 88 100
 43 27.1 22.2 33.4
 58 69.3 54.9 82.3



#5
 Pyridine
 Concen: 9.913 ng/uL
 RT: 3.934 min Scan# 127
 Delta R.T. 0.000 min
 Lab File: BP013721.D
 Acq: 02 Feb 2023 21:46

Tgt Ion: 79 Resp: 203518
 Ion Ratio Lower Upper
 79 100
 52 67.3 53.8 80.6
 51 30.9 25.1 37.7

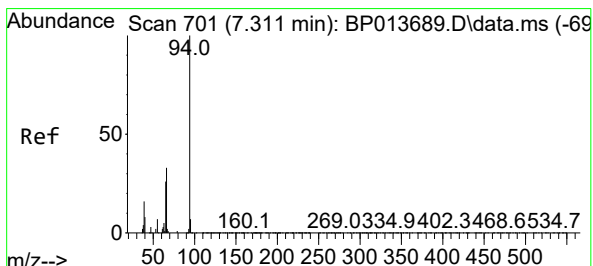
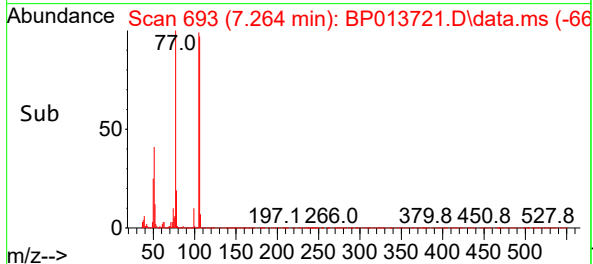
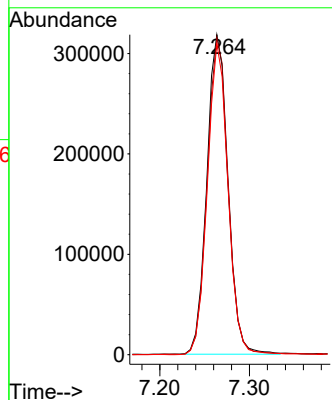
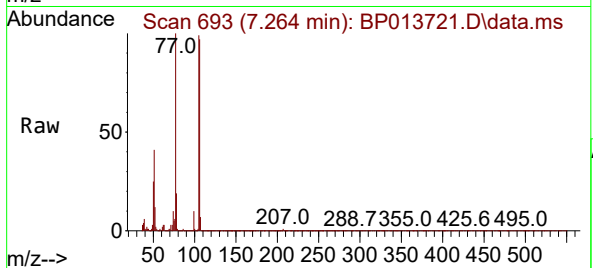




#6
Benzaldehyde
Concen: 48.969 ng/ul
RT: 7.264 min Scan# 694
Delta R.T. -0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

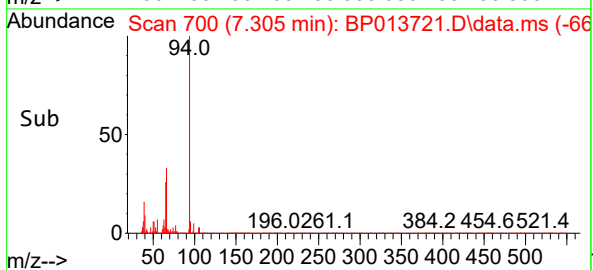
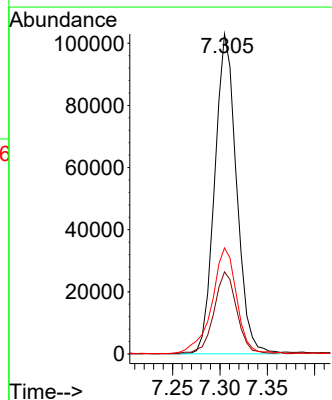
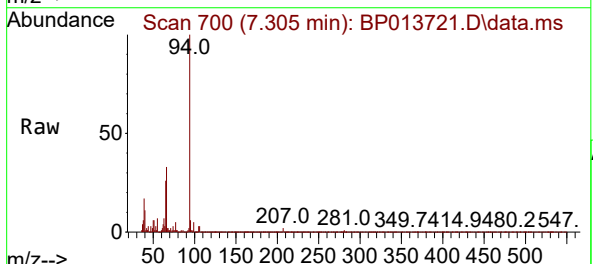
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BNA_P
ClientSampleId :

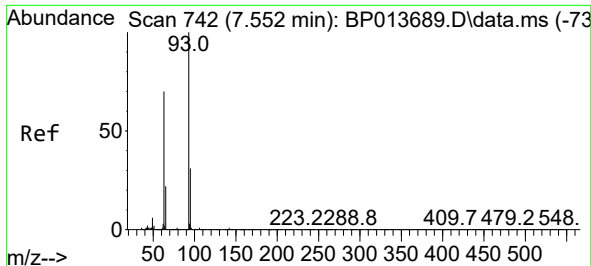
Tgt Ion: 77 Resp: 519910
Ion Ratio Lower Upper
77 100
105 99.2 80.6 121.0
106 97.2 75.0 112.4



#8
Phenol
Concen: 6.087 ng/ul
RT: 7.305 min Scan# 700
Delta R.T. -0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

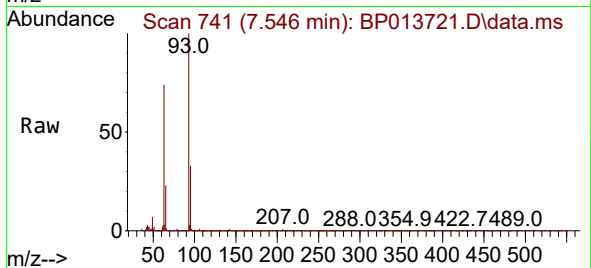
Tgt Ion: 94 Resp: 164945
Ion Ratio Lower Upper
94 100
65 25.6 21.0 31.4
66 33.1 27.4 41.2



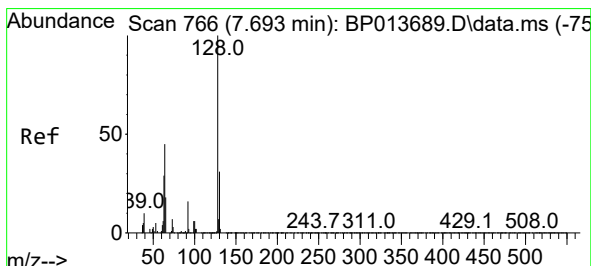
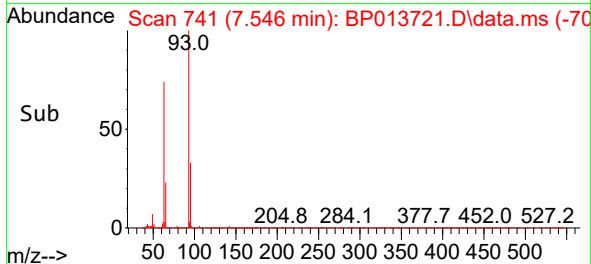
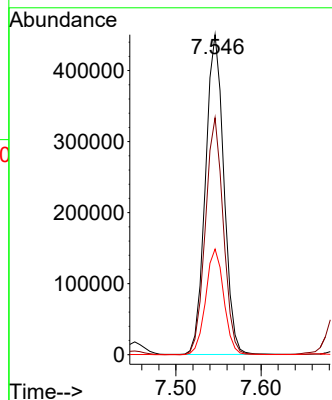


#10
Bis(2-Chloroethyl)ether
Concen: 30.962 ng/ul
RT: 7.546 min Scan# 741
Delta R.T. -0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Instrument :
BNA_P
ClientSampleId :

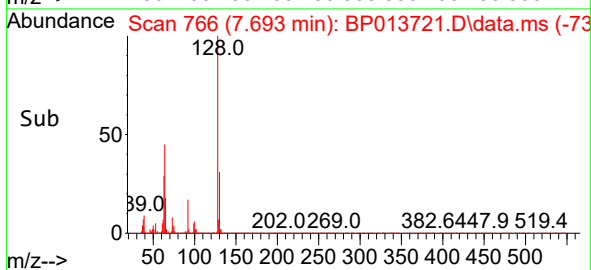
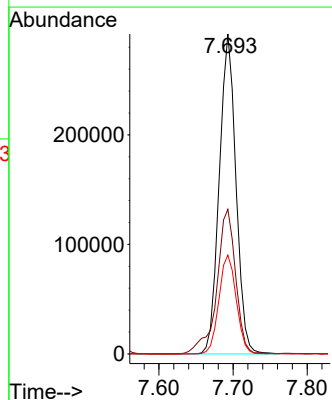
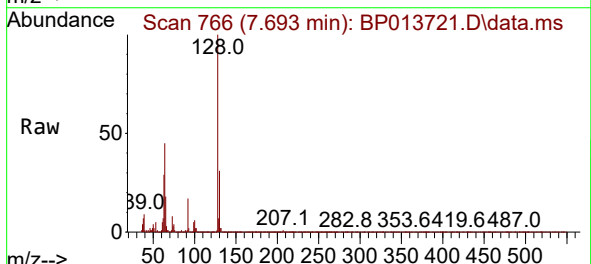


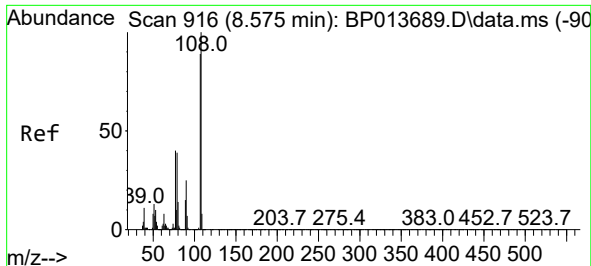
Tgt Ion: 93 Resp: 674231
Ion Ratio Lower Upper
93 100
63 74.1 55.8 83.6
95 33.0 25.1 37.7



#12
2-Chlorophenol
Concen: 23.227 ng/ul
RT: 7.693 min Scan# 766
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:128 Resp: 456775
Ion Ratio Lower Upper
128 100
64 45.2 37.9 56.9
130 30.9 25.2 37.8





#13

2-Methylphenol

Concen: 16.379 ng/ul

RT: 8.575 min Scan# 916

Delta R.T. 0.000 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

Instrument :

BNA_P

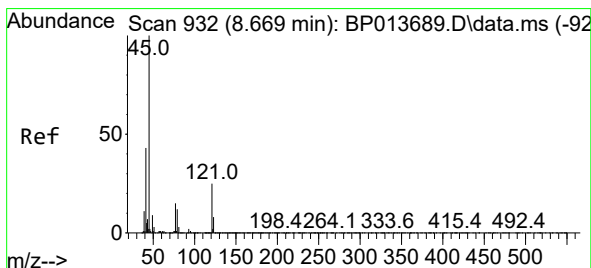
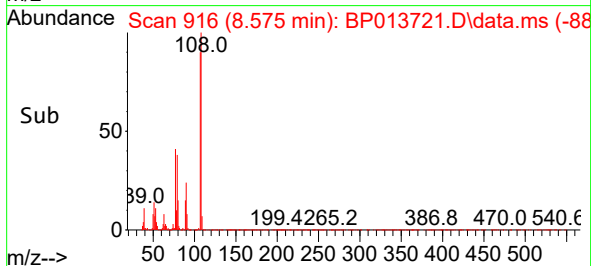
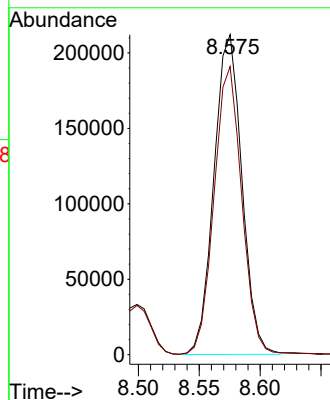
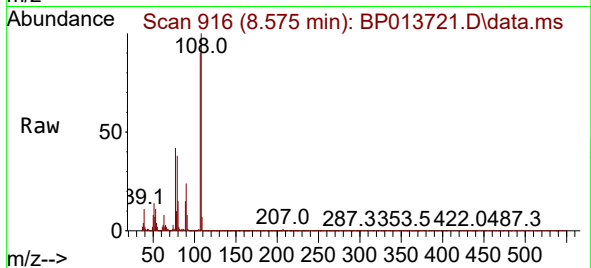
ClientSampleId :

Tgt Ion:108 Resp: 338893

Ion Ratio Lower Upper

108 100

107 90.0 70.9 106.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 30.775 ng/ul

RT: 8.658 min Scan# 930

Delta R.T. -0.012 min

Lab File: BP013721.D

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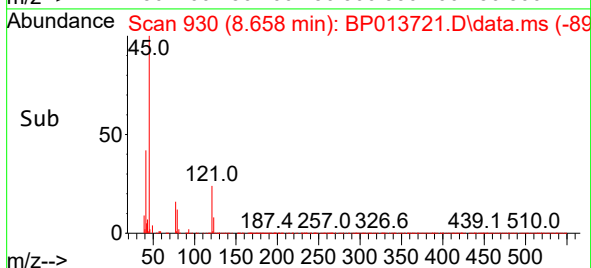
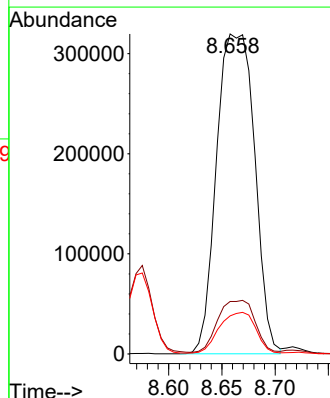
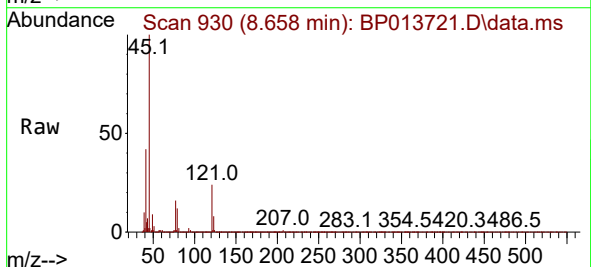
Tgt Ion: 45 Resp: 793463

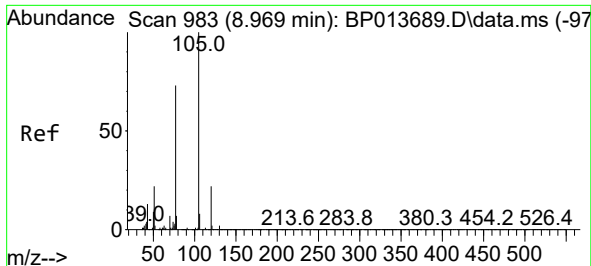
Ion Ratio Lower Upper

45 100

77 16.4 12.6 19.0

79 11.9 10.0 15.0

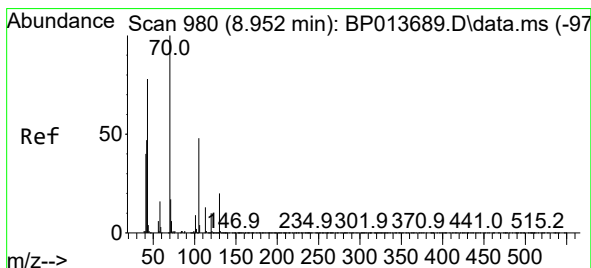
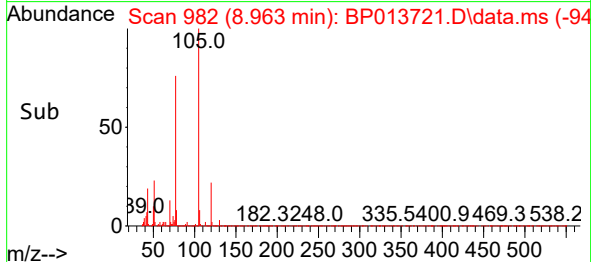
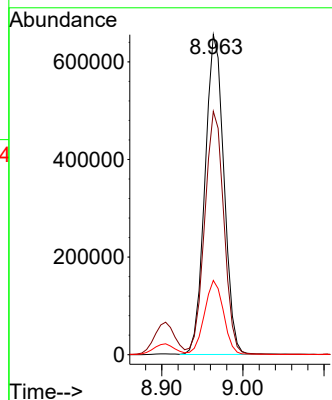
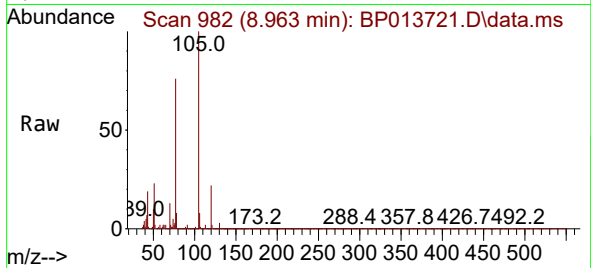




#16
Acetophenone
Concen: 32.261 ng/ul
RT: 8.963 min Scan# 91
Delta R.T. -0.006 min
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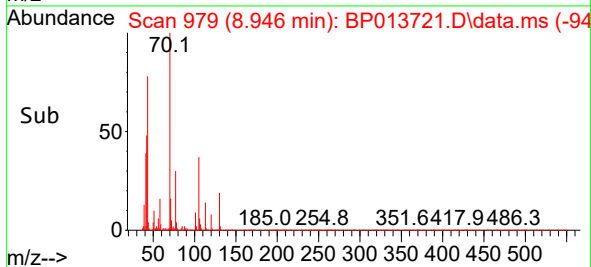
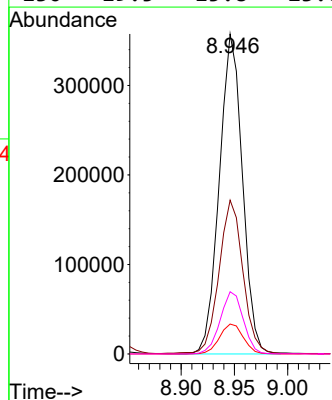
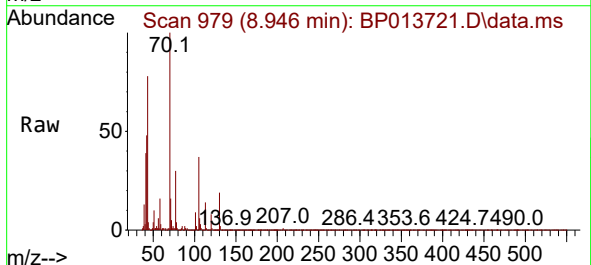
Instrument :
BNA_P
ClientSampleId :

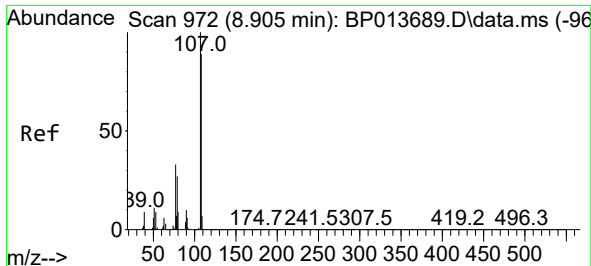
Tgt Ion:105 Resp: 1061635
Ion Ratio Lower Upper
105 100
77 76.1 61.2 91.8
51 23.2 18.5 27.7



#17
N-Nitroso-di-n-propylamine
Concen: 32.694 ng/ul
RT: 8.946 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion: 70 Resp: 538957
Ion Ratio Lower Upper
70 100
42 48.0 38.2 57.4
101 9.4 7.4 11.2
130 19.5 15.8 23.6

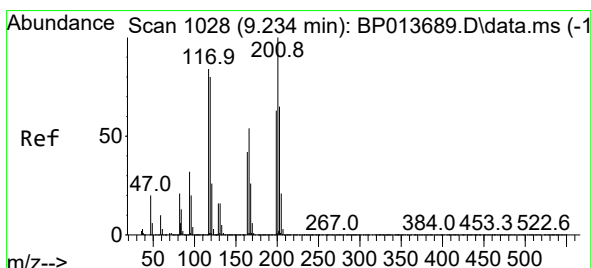
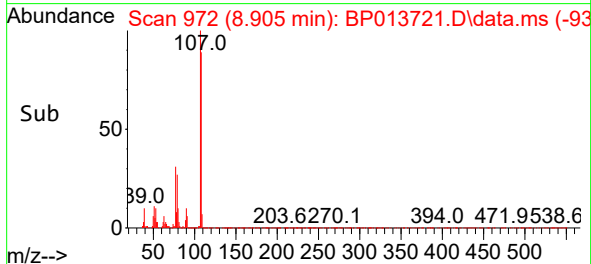
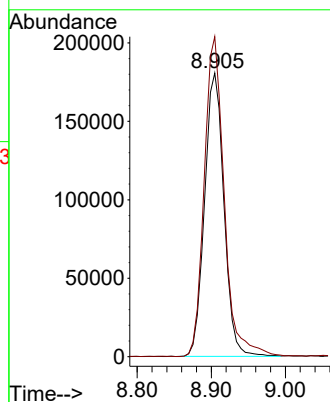
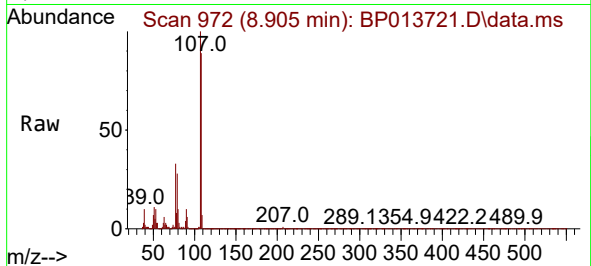




#18
4-Methylphenol
Concen: 14.580 ng/ul
RT: 8.905 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

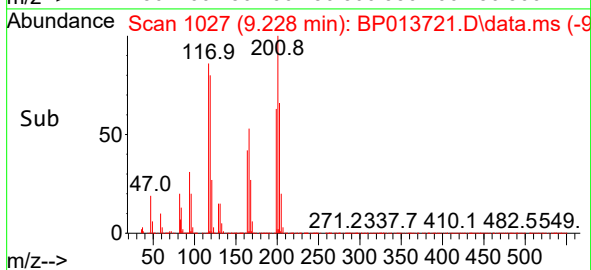
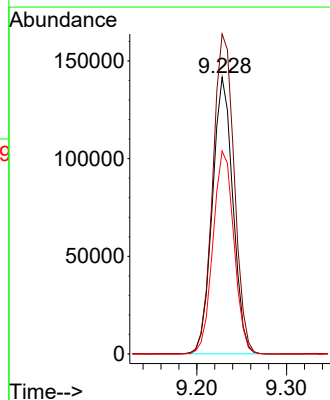
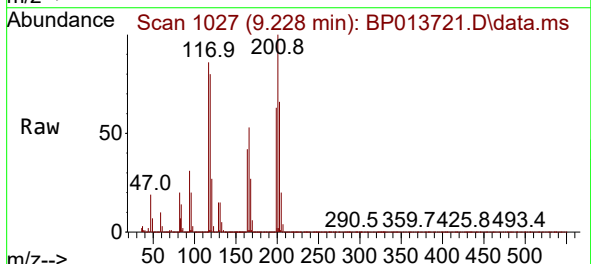
Instrument :
BNA_P
ClientSampleId :

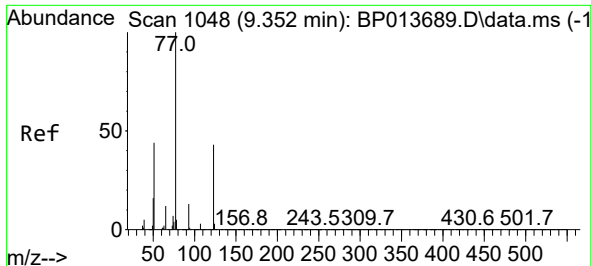
Tgt Ion:108 Resp: 327622
Ion Ratio Lower Upper
108 100
107 112.8 89.9 134.9



#19
Hexachloroethane
Concen: 29.199 ng/ul
RT: 9.228 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:117 Resp: 224756
Ion Ratio Lower Upper
117 100
201 115.7 94.8 142.2
199 73.4 60.1 90.1

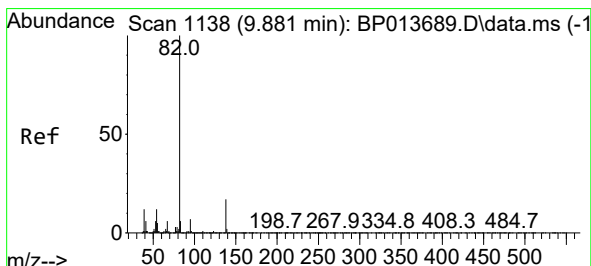
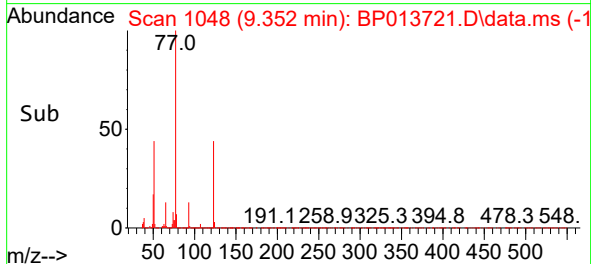
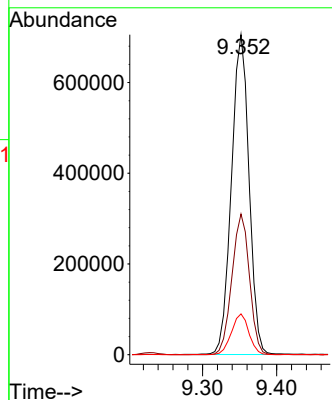
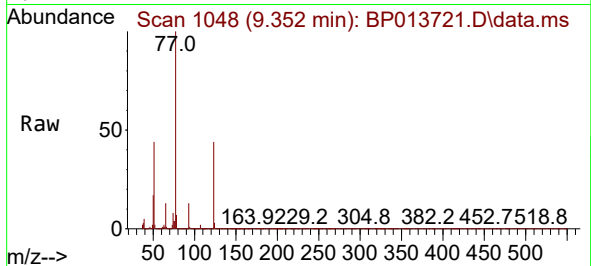




#22
Nitrobenzene
Concen: 50.899 ng/ul
RT: 9.352 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

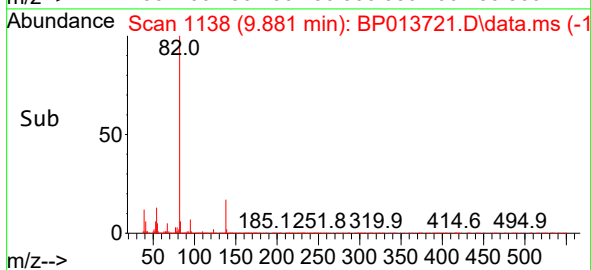
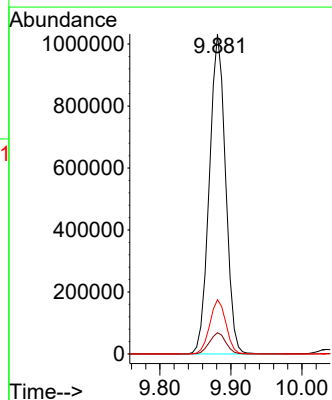
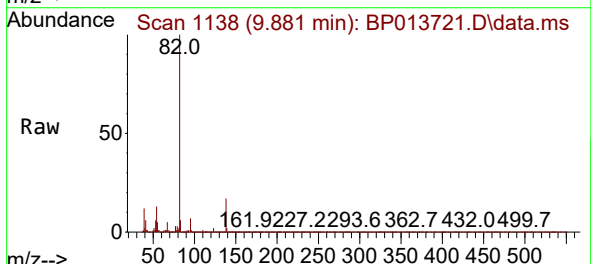
Instrument :
BNA_P
ClientSampleId :

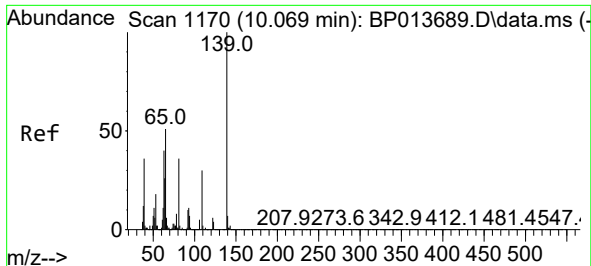
Tgt Ion: 77 Resp: 1160159
Ion Ratio Lower Upper
77 100
123 44.0 34.1 51.1
65 12.8 9.8 14.8



#23
Isophorone
Concen: 31.324 ng/ul
RT: 9.881 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion: 82 Resp: 1634621
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 16.9 13.6 20.4

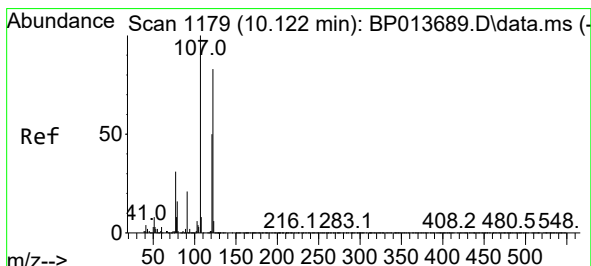
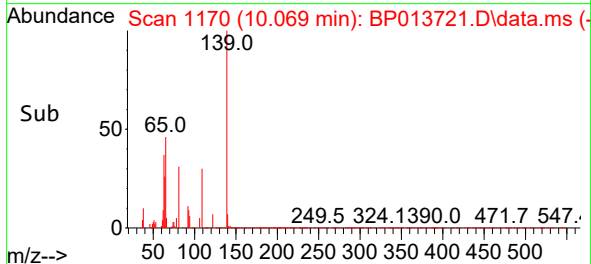
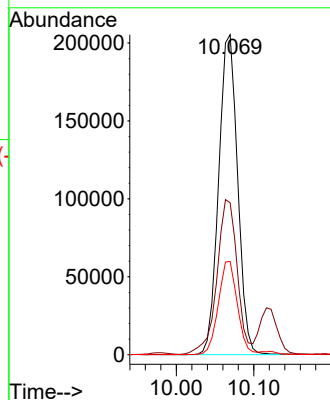
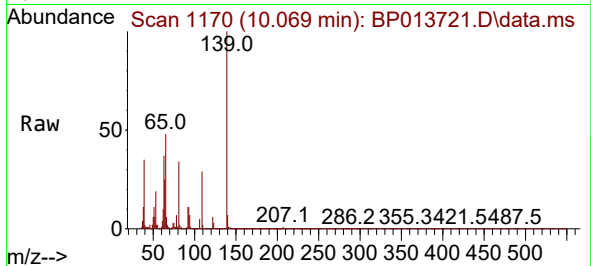




#25
2-Nitrophenol
Concen: 32.087 ng/ul
RT: 10.069 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

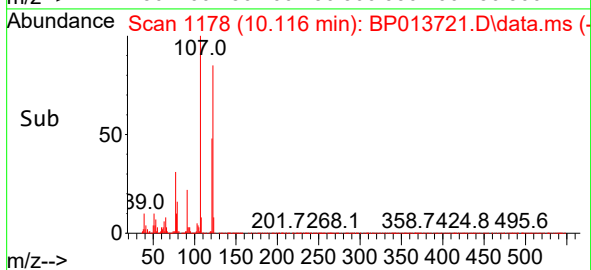
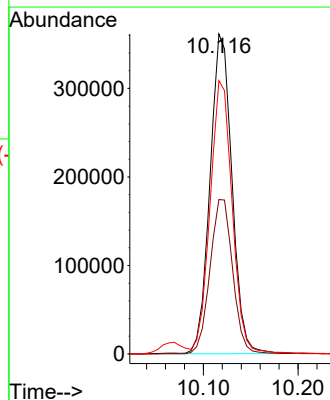
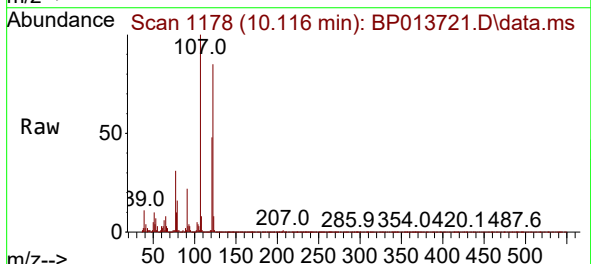
Instrument :
BNA_P
ClientSampleId :

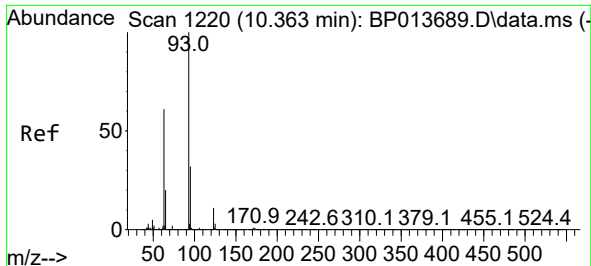
Tgt Ion:139 Resp: 349162
Ion Ratio Lower Upper
139 100
65 47.5 40.9 61.3
109 29.1 24.3 36.5



#26
2,4-Dimethylphenol
Concen: 23.750 ng/ul
RT: 10.116 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:107 Resp: 583938
Ion Ratio Lower Upper
107 100
121 48.2 39.8 59.8
122 85.4 67.6 101.4

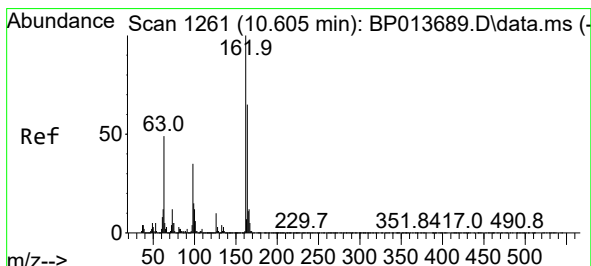
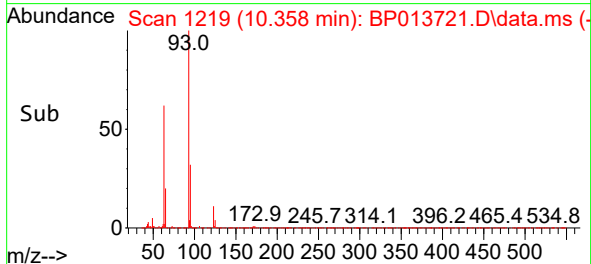
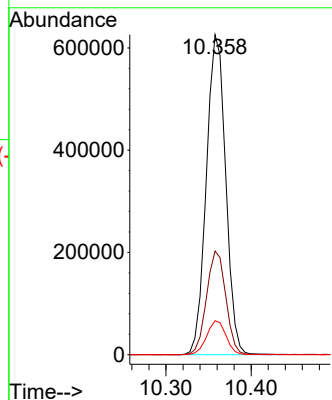
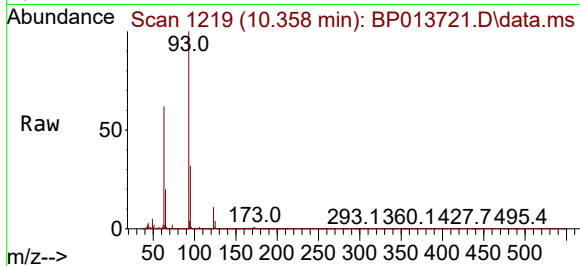




#27
Bis(2-Chloroethoxy)methane
Concen: 31.204 ng/ul
RT: 10.358 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

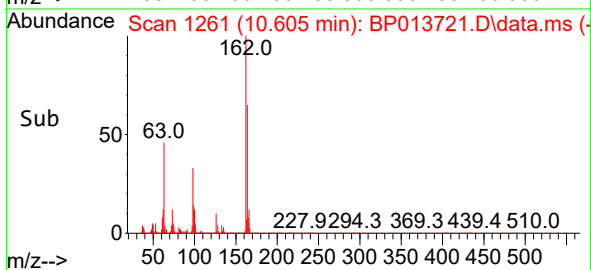
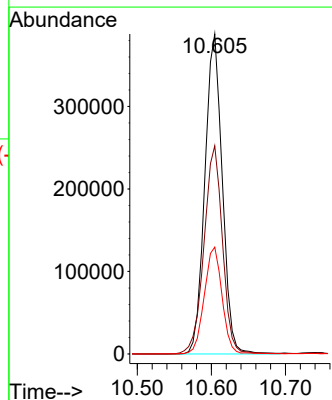
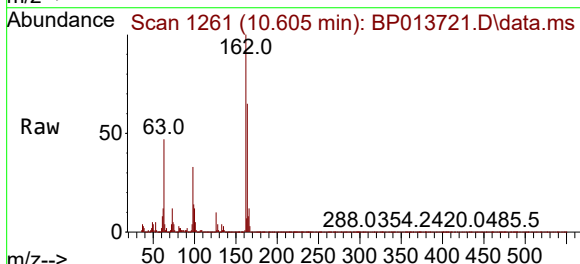
Instrument :
BNA_P
ClientSampleId :

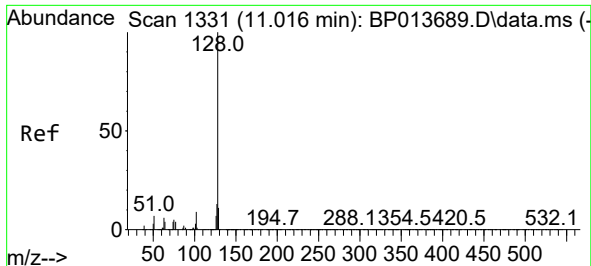
Tgt Ion: 93 Resp: 986836
Ion Ratio Lower Upper
93 100
95 32.4 25.3 37.9
123 10.6 8.6 12.8



#29
2,4-Dichlorophenol
Concen: 28.466 ng/ul
RT: 10.605 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:162 Resp: 633598
Ion Ratio Lower Upper
162 100
164 65.1 52.1 78.1
98 33.4 27.7 41.5

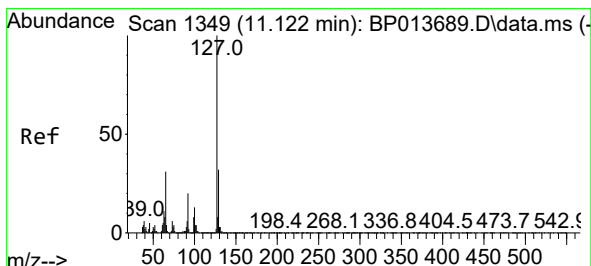
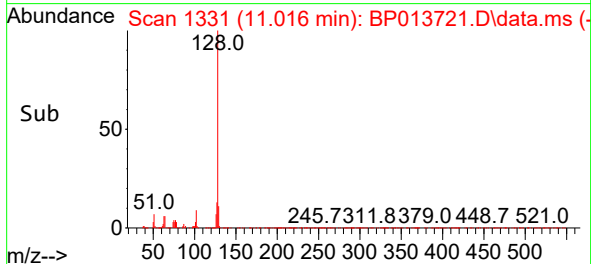
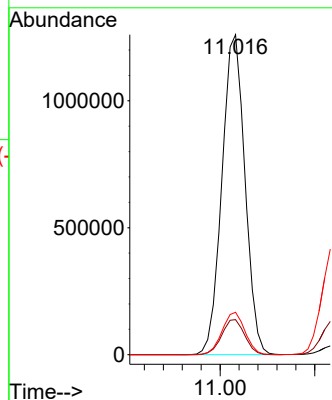
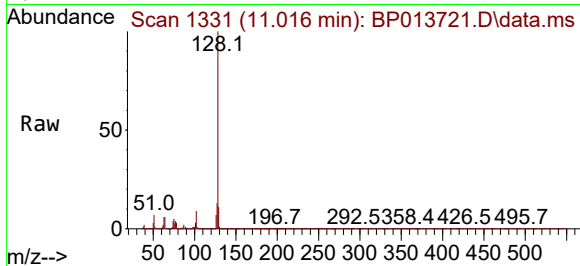




#30
Naphthalene
Concen: 30.481 ng/ul
RT: 11.016 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

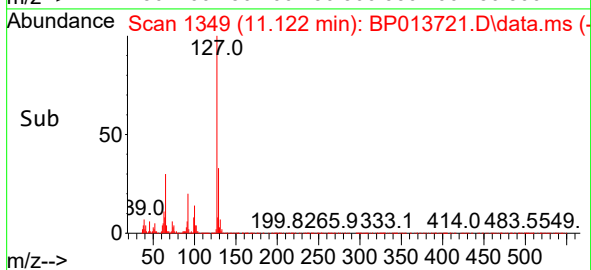
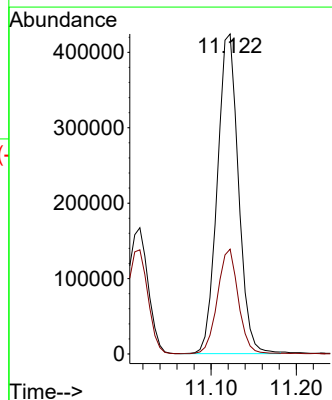
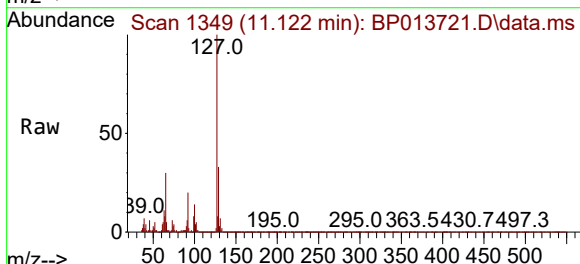
Instrument :
BNA_P
ClientSampleId :

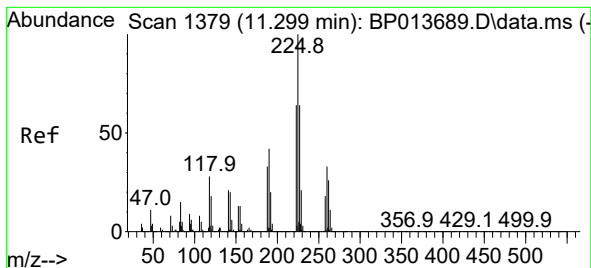
Tgt Ion:128 Resp: 2131212
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.3 10.2 15.4



#32
4-Chloroaniline
Concen: 23.902 ng/ul
RT: 11.122 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:127 Resp: 730697
Ion Ratio Lower Upper
127 100
129 32.8 26.1 39.1





#33

Hexachlorobutadiene

Concen: 29.619 ng/ul

RT: 11.299 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

Instrument :

BNA_P

ClientSampleId :

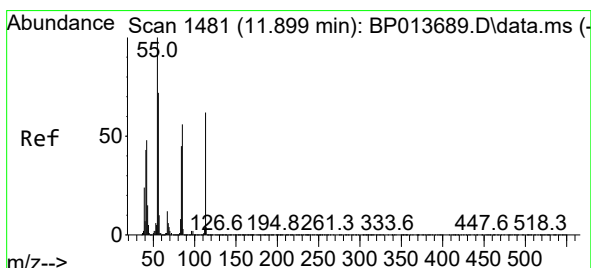
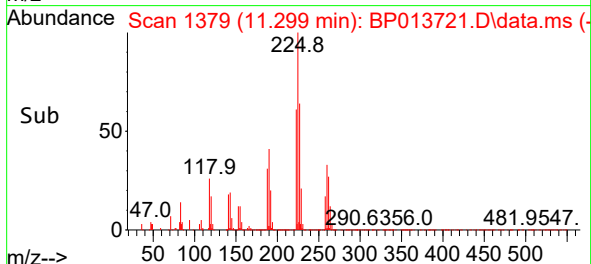
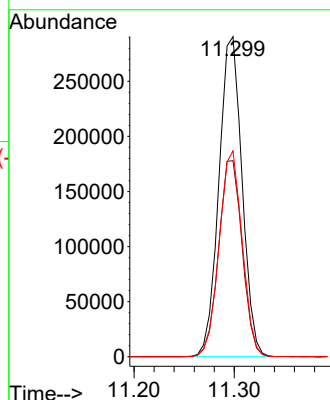
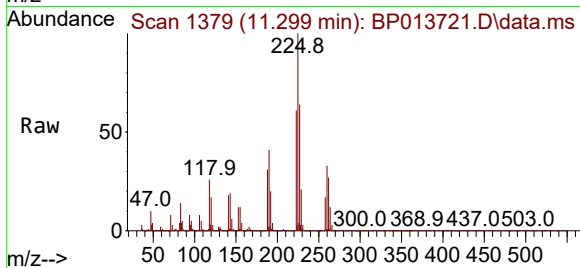
Tgt Ion:225 Resp: 464950

Ion Ratio Lower Upper

225 100

223 61.3 51.4 77.2

227 64.3 50.9 76.3



#34

Caprolactam

Concen: 3.320 ng/ul

RT: 11.910 min Scan# 1483

Delta R.T. 0.012 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

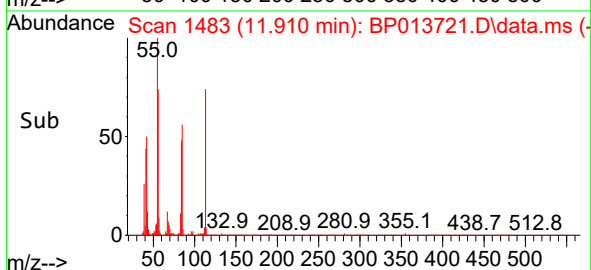
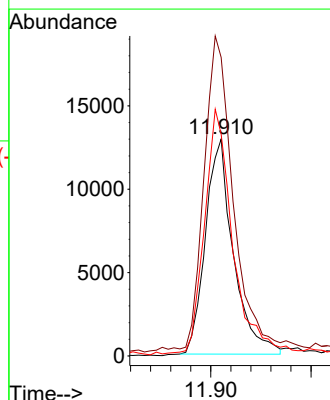
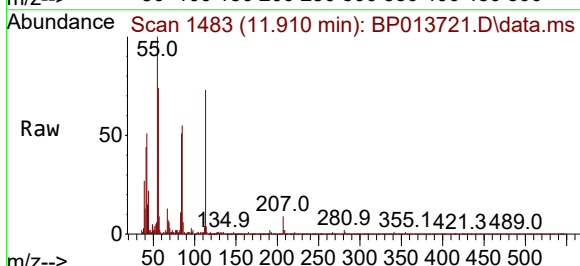
Tgt Ion:113 Resp: 24988

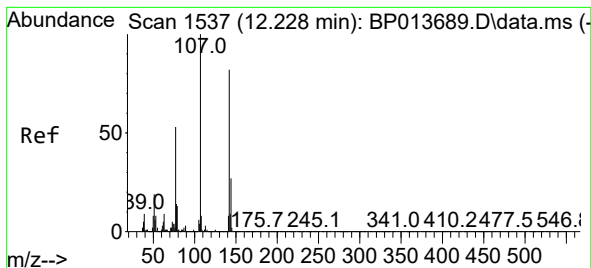
Ion Ratio Lower Upper

113 100

55 137.6 128.4 192.6

56 102.3 92.2 138.2

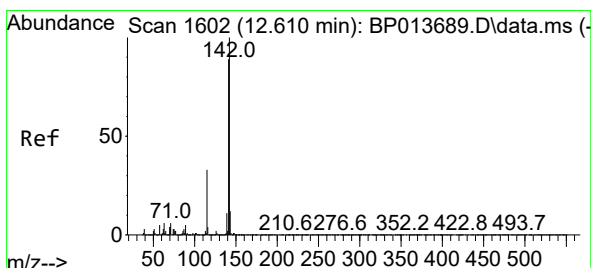
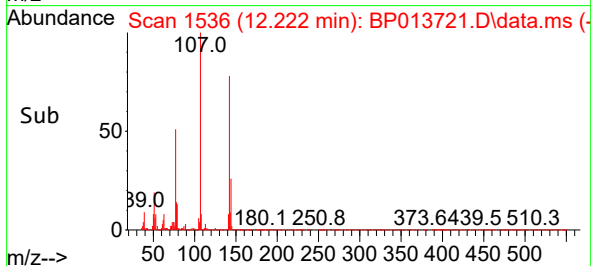
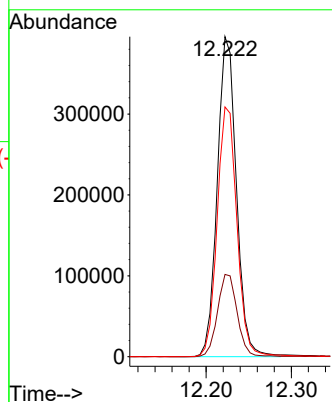
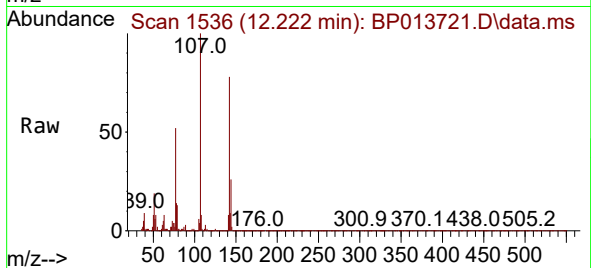




#35
4-Chloro-3-methylphenol
Concen: 25.889 ng/ul
RT: 12.222 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

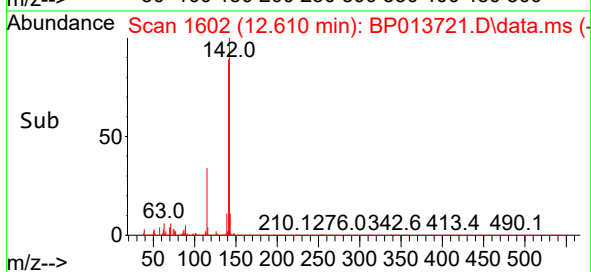
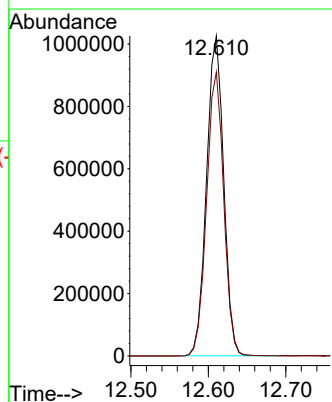
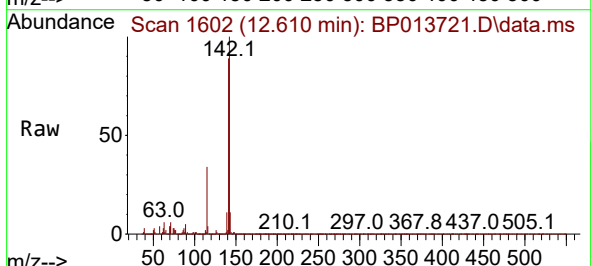
Instrument :
BNA_P
ClientSampleId :

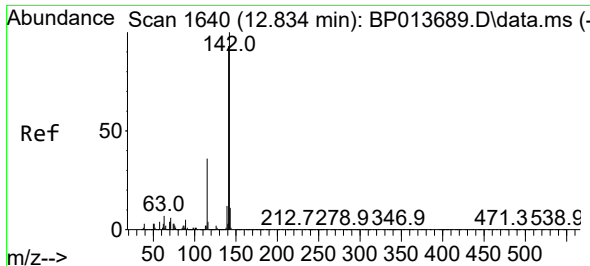
Tgt Ion:107 Resp: 617195
Ion Ratio Lower Upper
107 100
144 25.7 21.4 32.0
142 78.0 65.6 98.4



#36
2-Methylnaphthalene
Concen: 31.731 ng/ul
RT: 12.610 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:142 Resp: 1579190
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2

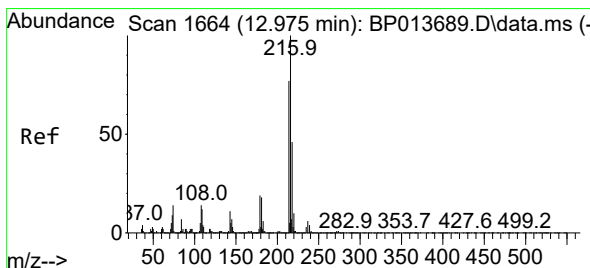
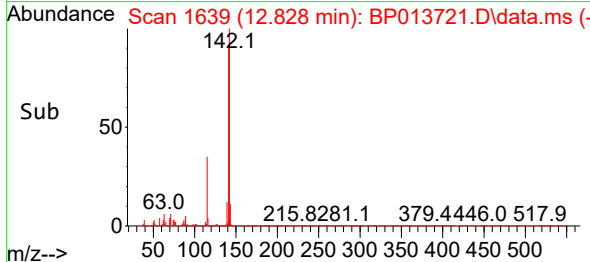
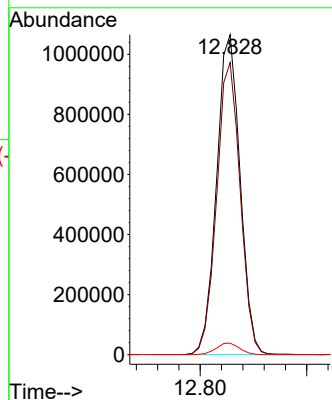
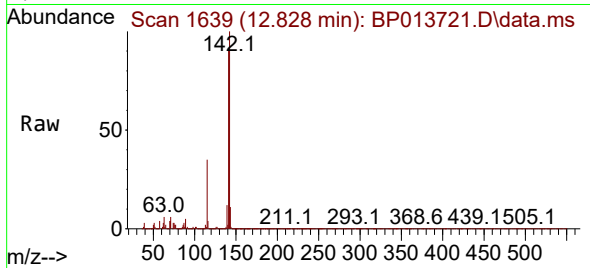




#37
1-Methylnaphthalene
Concen: 32.389 ng/ul
RT: 12.828 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

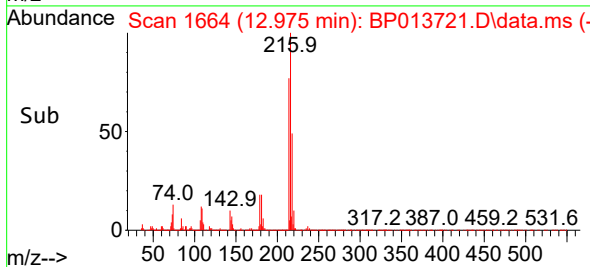
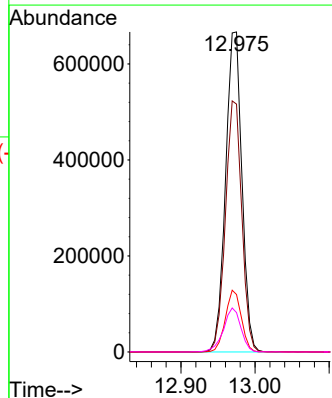
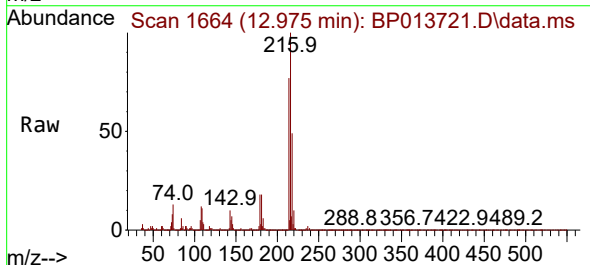
Instrument :
BNA_P
ClientSampleId :

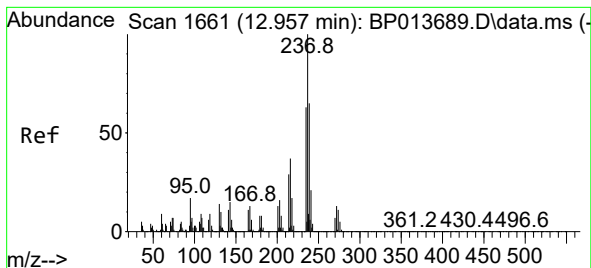
Tgt Ion:142 Resp: 1628053
Ion Ratio Lower Upper
142 100
141 91.3 74.4 111.6
116 3.6 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.460 ng/ul
RT: 12.975 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:216 Resp: 1020185
Ion Ratio Lower Upper
216 100
214 77.4 61.5 92.3
179 17.9 15.0 22.4
108 12.3 11.0 16.6





#40

Hexachlorocyclopentadiene

Concen: 25.083 ng/ul

RT: 12.951 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

Instrument :

BNA_P

ClientSampleId :

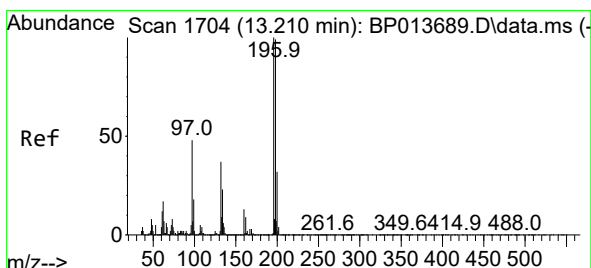
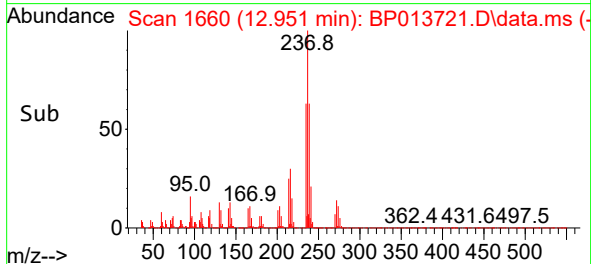
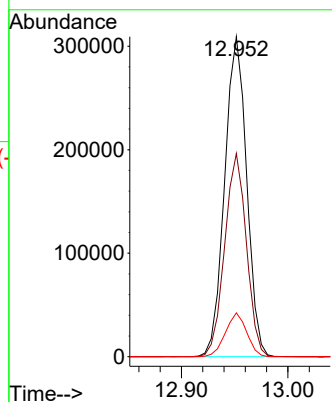
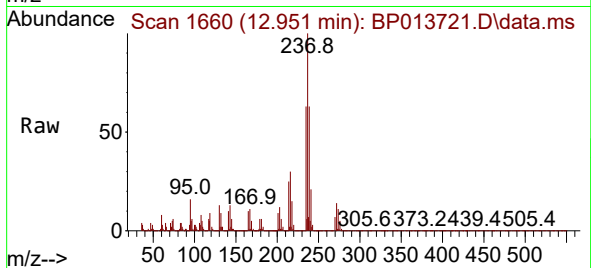
Tgt Ion:237 Resp: 443234

Ion Ratio Lower Upper

237 100

235 63.5 50.7 76.1

272 13.7 10.6 16.0



#41

2,4,6-Trichlorophenol

Concen: 31.881 ng/ul

RT: 13.204 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

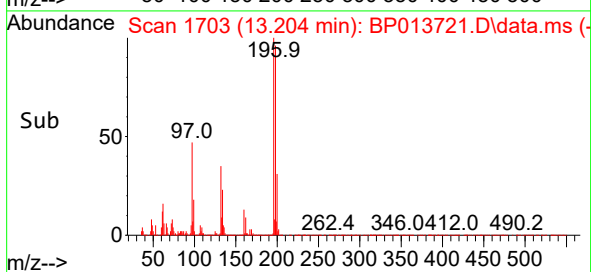
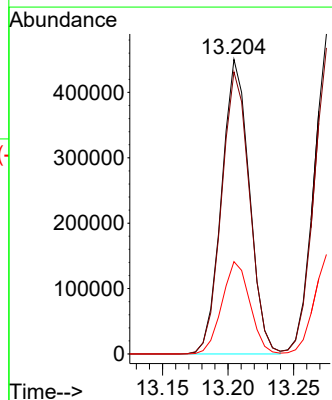
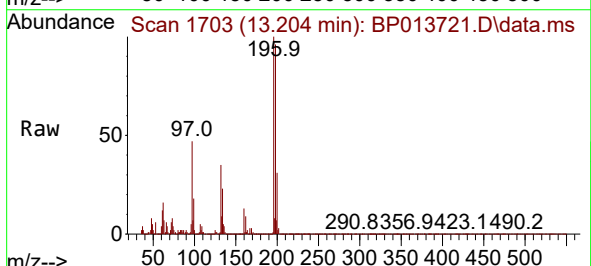
Tgt Ion:196 Resp: 663750

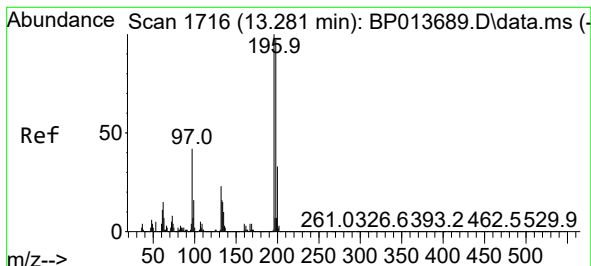
Ion Ratio Lower Upper

196 100

198 95.8 79.0 118.6

200 31.3 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 32.126 ng/ul

RT: 13.275 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

Instrument :

BNA_P

ClientSampleId :

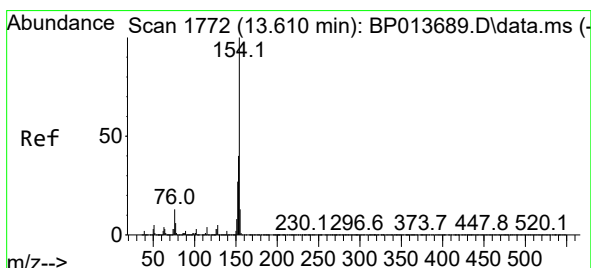
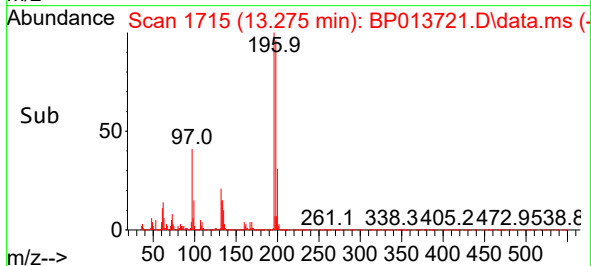
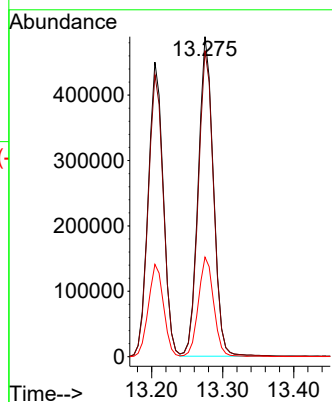
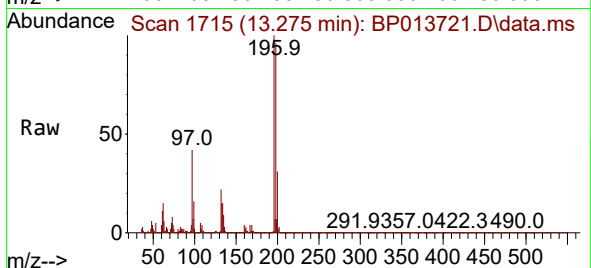
Tgt Ion:196 Resp: 728943

Ion Ratio Lower Upper

196 100

198 95.7 77.8 116.8

200 31.1 26.2 39.2



#43

1,1'-Biphenyl

Concen: 31.821 ng/ul

RT: 13.604 min Scan# 1771

Delta R.T. -0.006 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

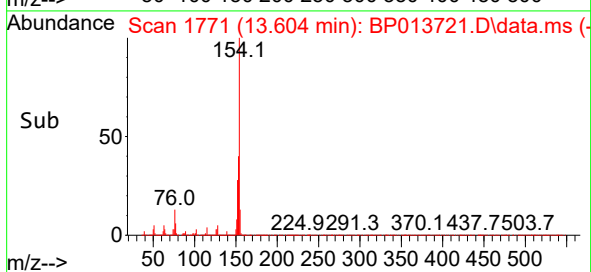
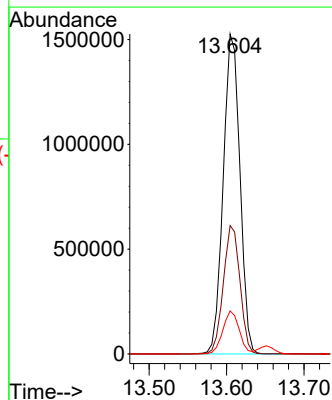
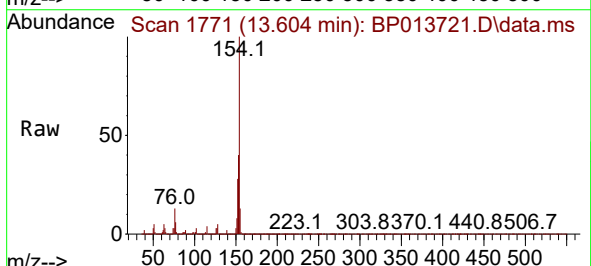
Tgt Ion:154 Resp: 2292283

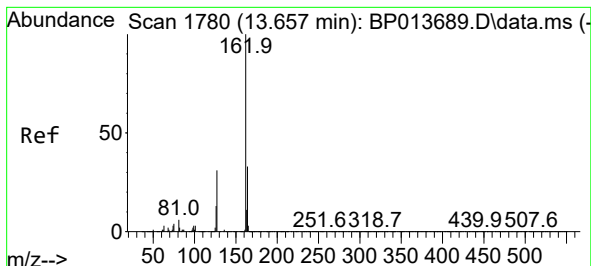
Ion Ratio Lower Upper

154 100

153 40.1 32.2 48.2

76 13.5 10.0 15.0





#44

2-Chloronaphthalene

Concen: 31.862 ng/ul

RT: 13.651 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

Instrument :

BNA_P

ClientSampleId :

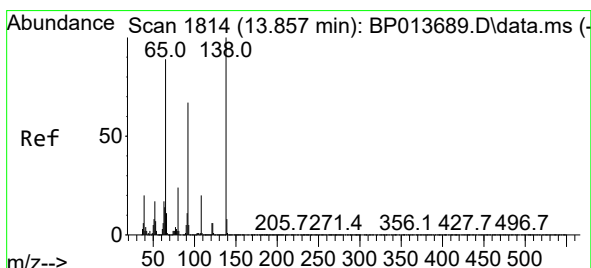
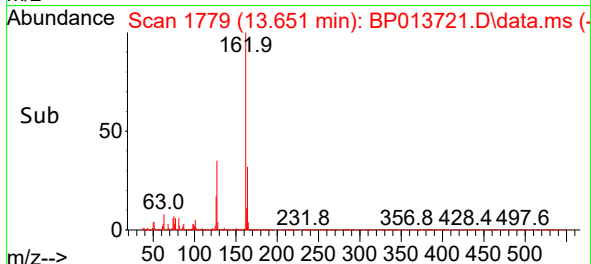
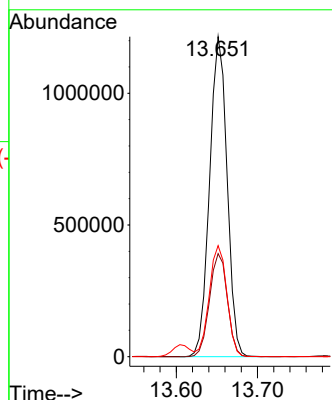
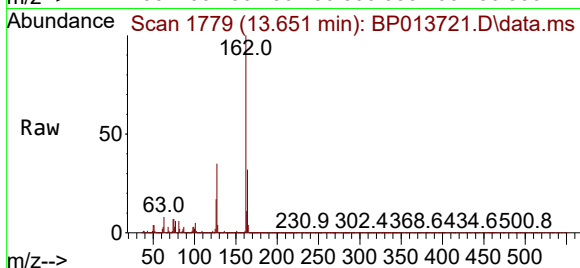
Tgt Ion:162 Resp: 1815903

Ion Ratio Lower Upper

162 100

164 32.2 26.6 39.8

127 34.7 27.5 41.3



#45

2-Nitroaniline

Concen: 41.172 ng/ul

RT: 13.851 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

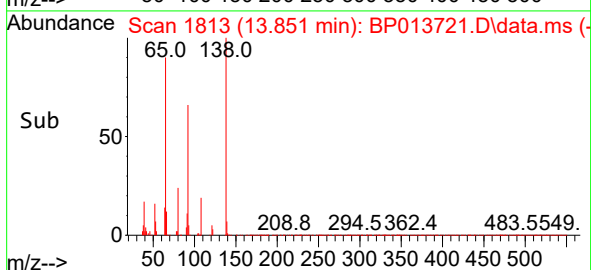
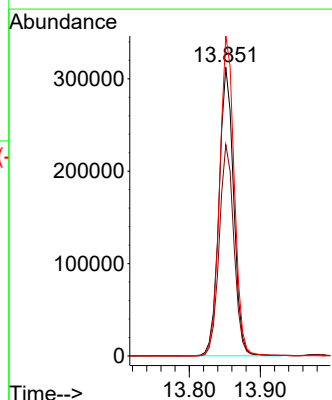
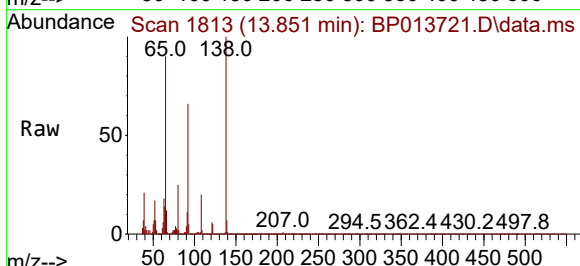
Tgt Ion: 65 Resp: 446671

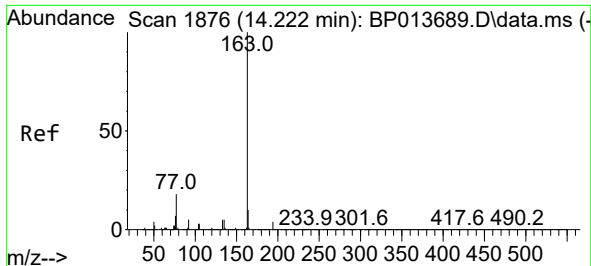
Ion Ratio Lower Upper

65 100

92 73.2 60.6 91.0

138 110.8 89.9 134.9

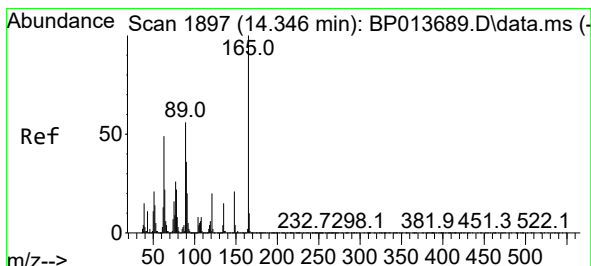
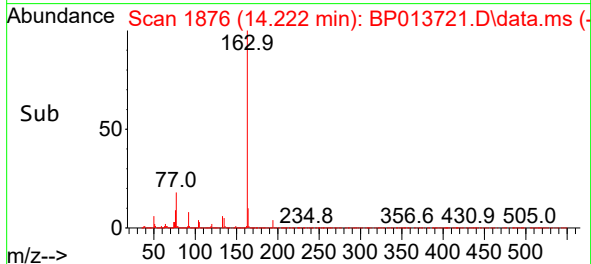
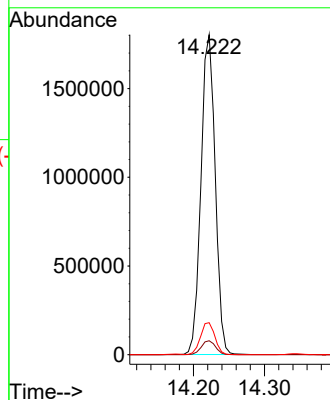
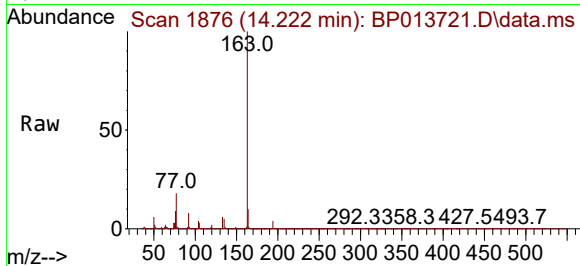




#47
Dimethylphthalate
Concen: 34.106 ng/ul
RT: 14.222 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

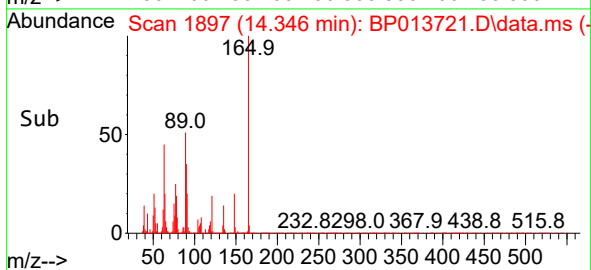
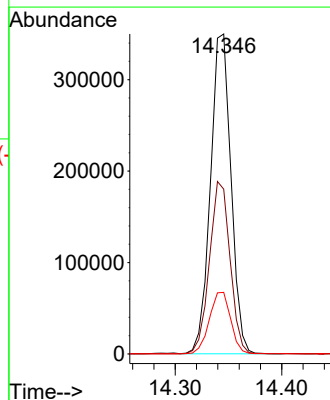
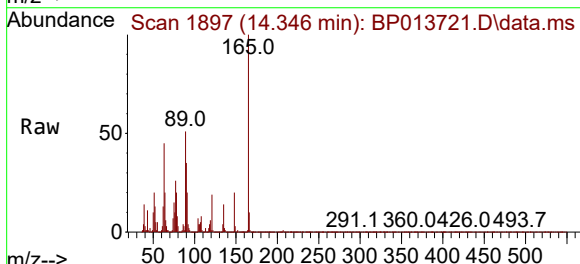
Instrument :
BNA_P
ClientSampleId :

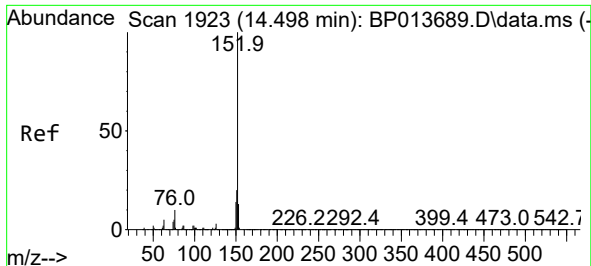
Tgt Ion:163 Resp: 2520046
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 10.0 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 44.412 ng/ul
RT: 14.346 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

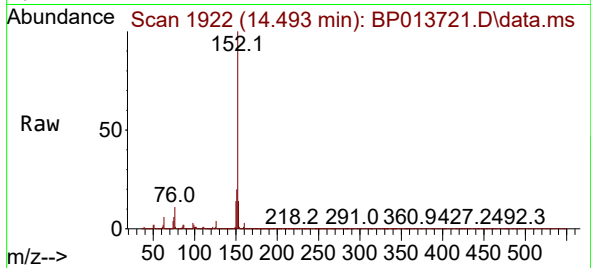
Tgt Ion:165 Resp: 467655
Ion Ratio Lower Upper
165 100
89 51.5 44.6 67.0
121 19.2 15.8 23.6



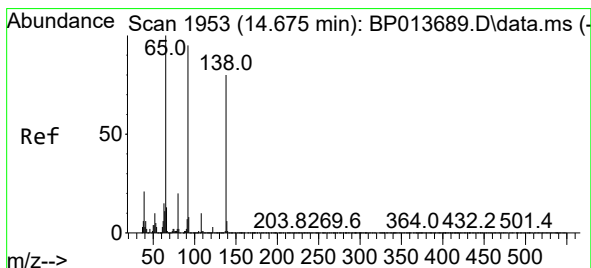
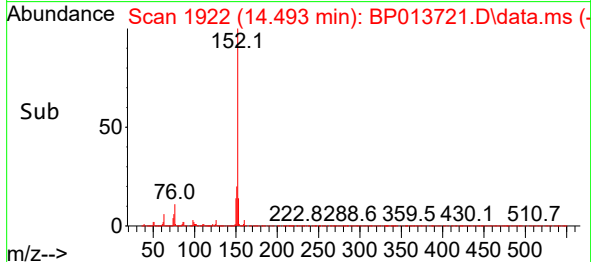
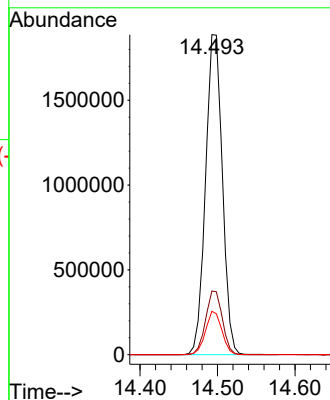


#50
Acenaphthylene
Concen: 32.581 ng/ul
RT: 14.493 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Instrument :
BNA_P
ClientSampleId :

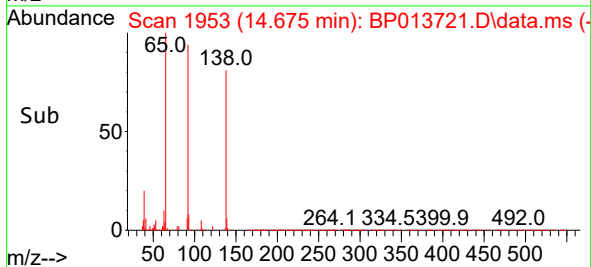
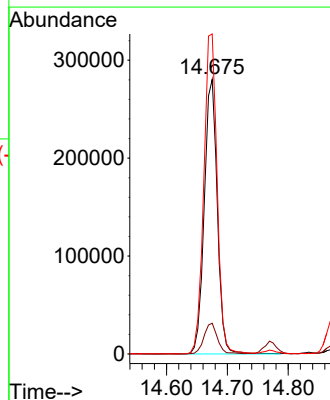
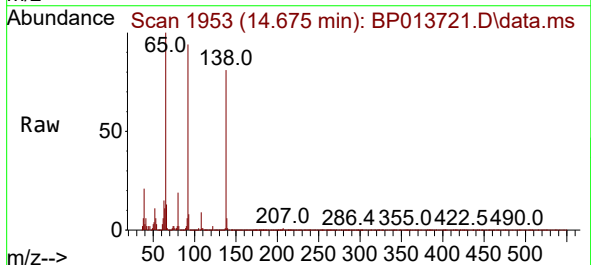


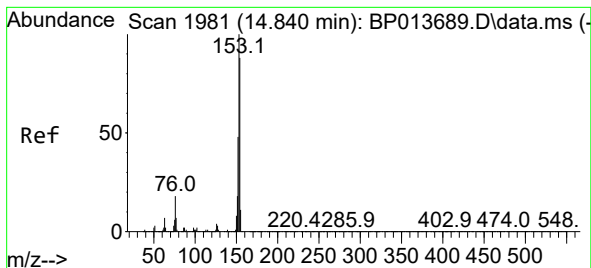
Tgt Ion:152 Resp: 2846855
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.5 10.7 16.1



#51
3-Nitroaniline
Concen: 37.512 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:138 Resp: 417509
Ion Ratio Lower Upper
138 100
108 11.2 10.0 15.0
92 116.5 94.8 142.2





#52

Acenaphthene

Concen: 33.203 ng/ul

RT: 14.834 min Scan# 1980

Delta R.T. -0.006 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

Instrument :

BNA_P

ClientSampleId :

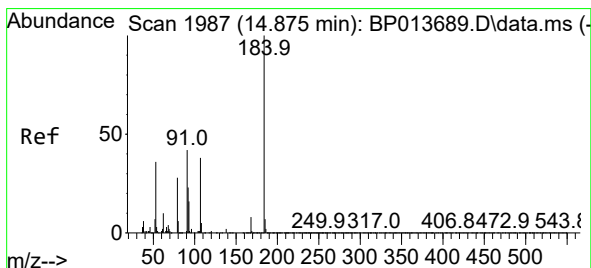
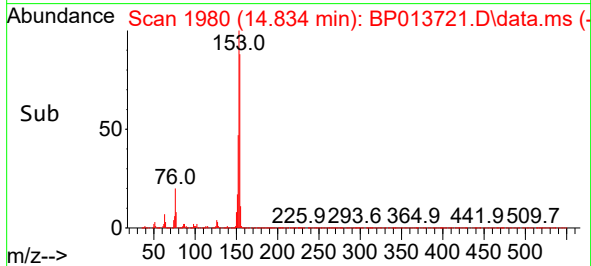
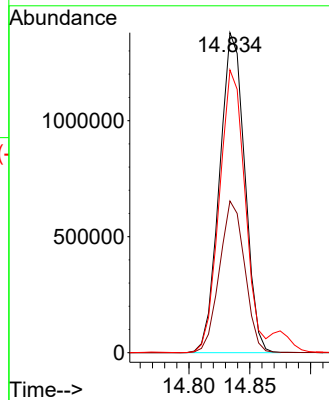
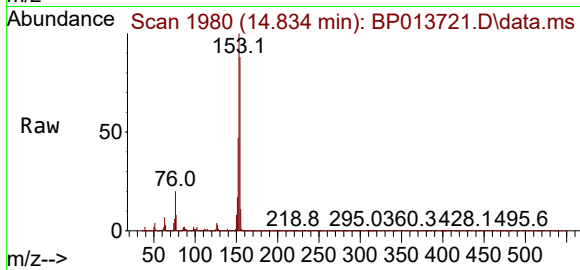
Tgt Ion:153 Resp: 1993703

Ion Ratio Lower Upper

153 100

152 47.4 38.1 57.1

154 88.3 70.6 105.8



#53

2,4-Dinitrophenol

Concen: 28.225 ng/ul

RT: 14.875 min Scan# 1987

Delta R.T. 0.000 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

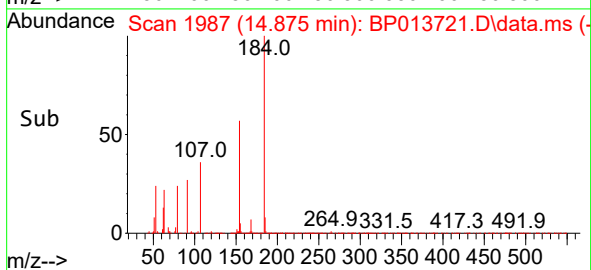
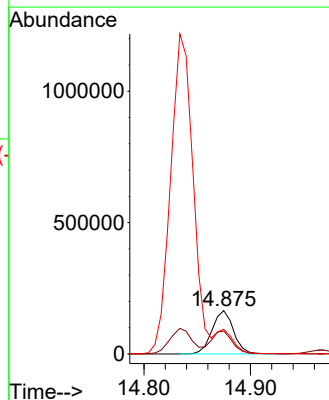
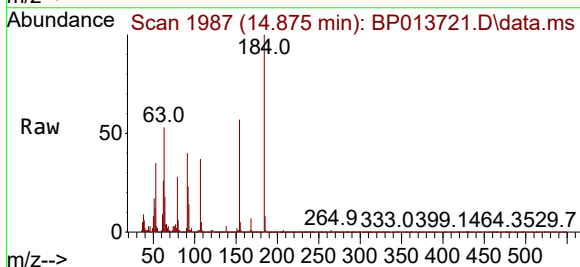
Tgt Ion:184 Resp: 230845

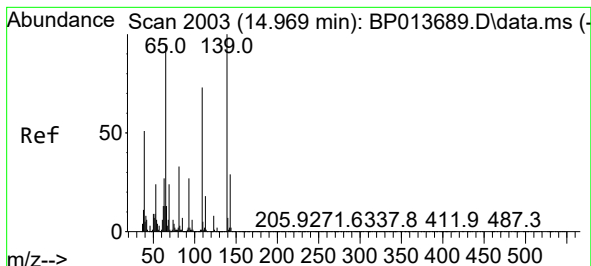
Ion Ratio Lower Upper

184 100

63 53.3 42.5 63.7

154 56.9 46.0 69.0

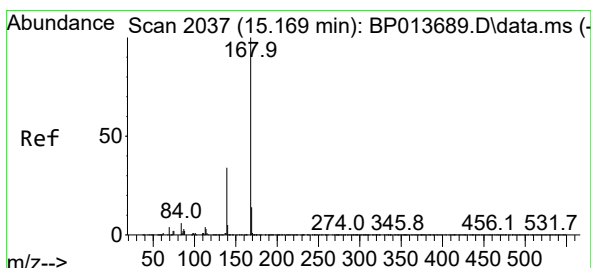
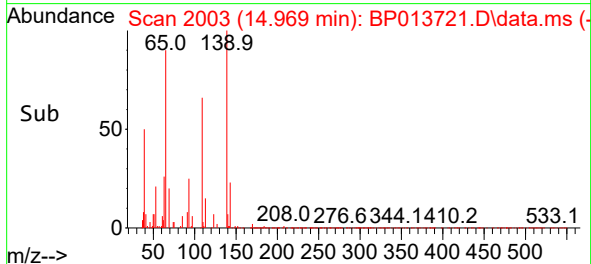
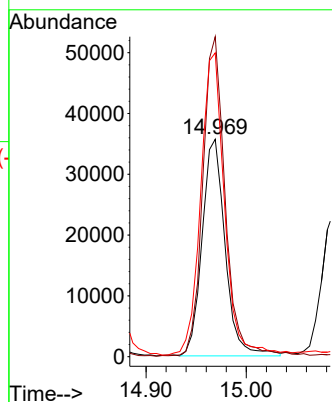
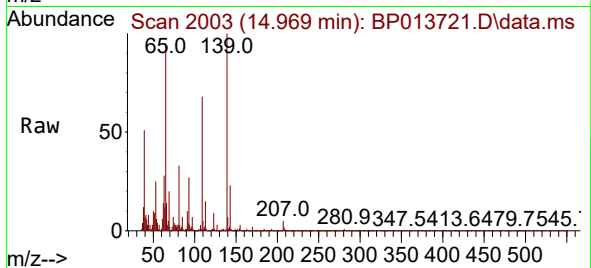




#55
4-Nitrophenol
Concen: 5.924 ng/ul
RT: 14.969 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

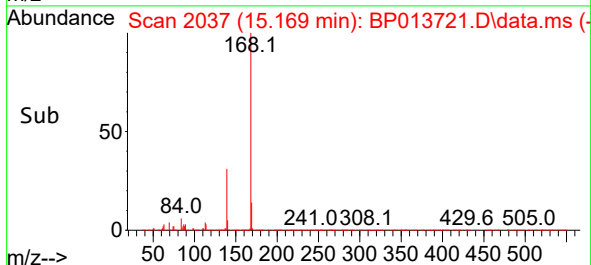
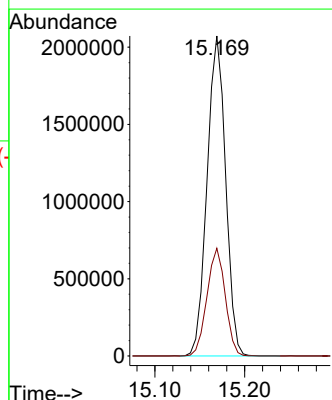
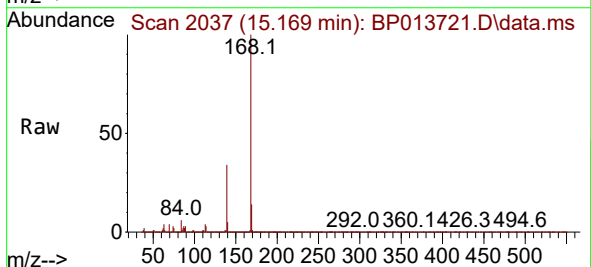
Instrument :
BNA_P
ClientSampleId :

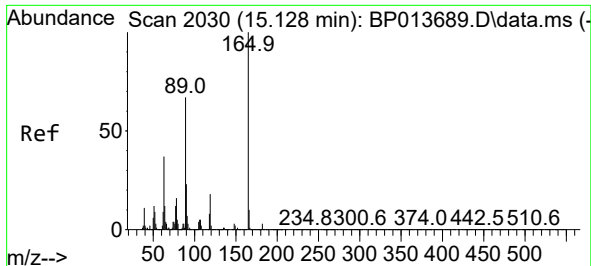
Tgt Ion:109 Resp: 57087
Ion Ratio Lower Upper
109 100
139 147.2 109.1 163.7
65 139.8 103.5 155.3



#56
Dibenzofuran
Concen: 34.058 ng/ul
RT: 15.169 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:168 Resp: 2970546
Ion Ratio Lower Upper
168 100
139 33.6 27.2 40.8

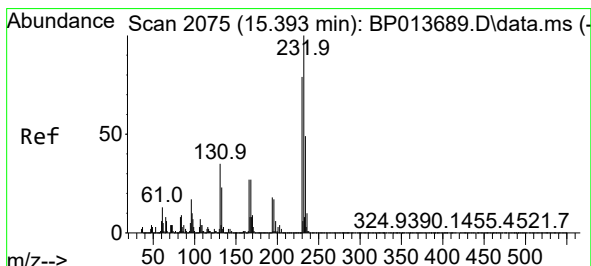
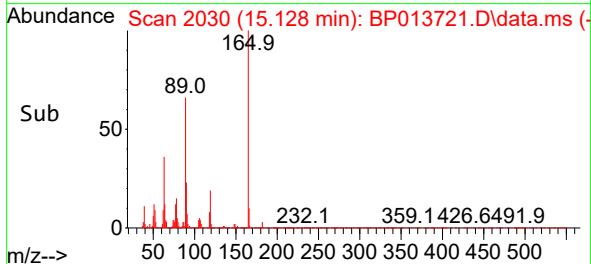
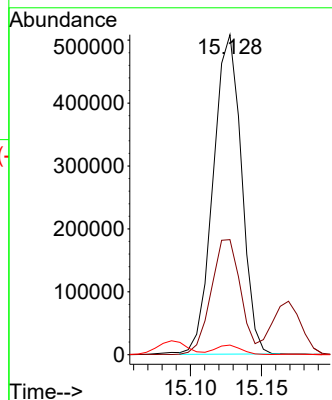
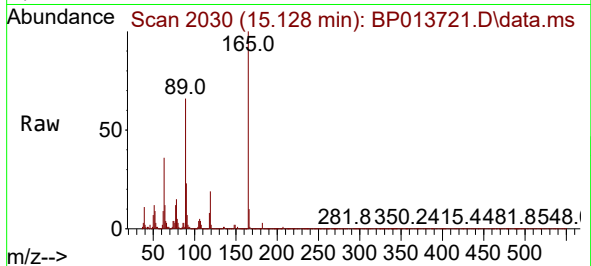




#57
2,4-Dinitrotoluene
Concen: 42.506 ng/ul
RT: 15.128 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

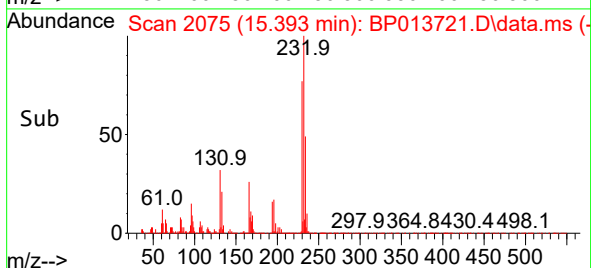
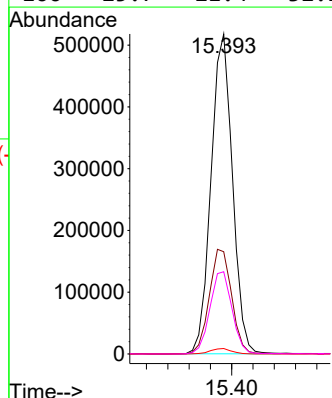
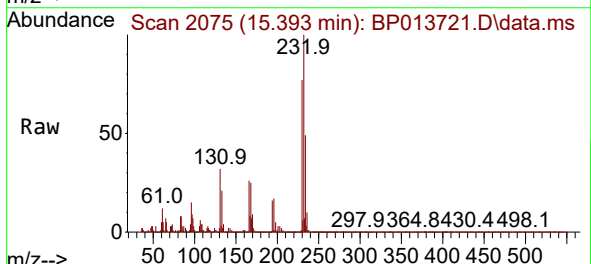
Instrument :
BNA_P
ClientSampleId :

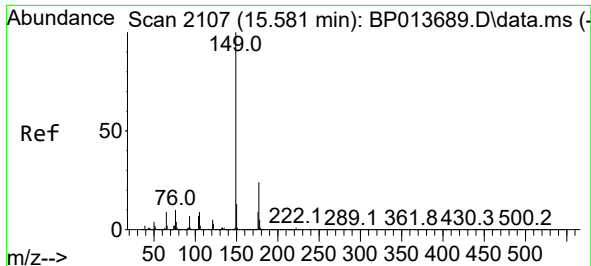
Tgt Ion:165 Resp: 703003
Ion Ratio Lower Upper
165 100
63 35.9 29.4 44.2
182 3.0 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.819 ng/ul
RT: 15.393 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:232 Resp: 721187
Ion Ratio Lower Upper
232 100
131 32.0 28.3 42.5
130 1.7 1.5 2.3
166 25.7 21.4 32.2

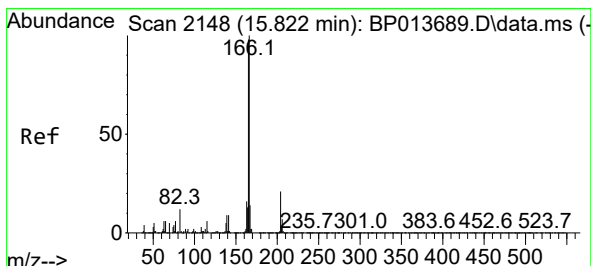
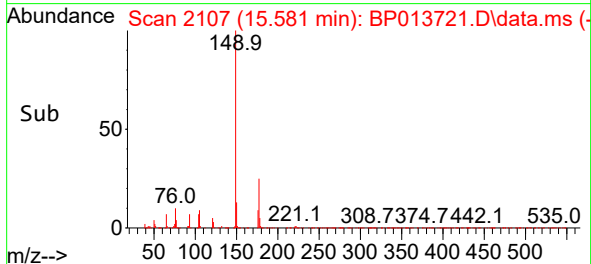
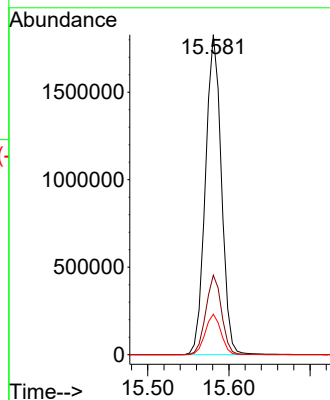
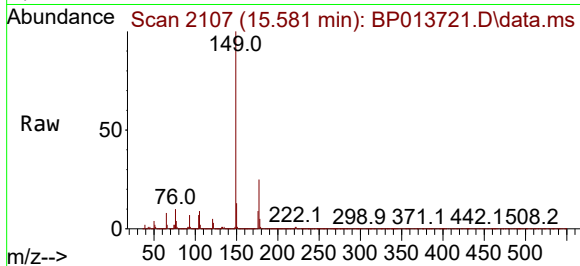




#59
Diethylphthalate
Concen: 35.124 ng/ul
RT: 15.581 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

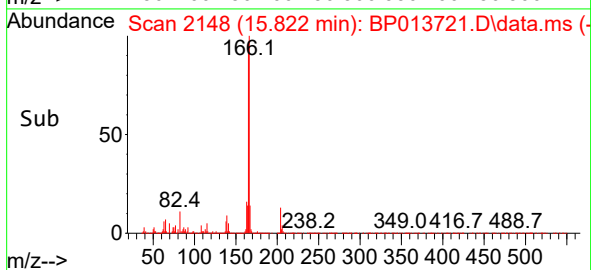
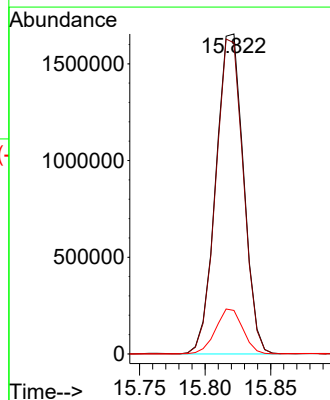
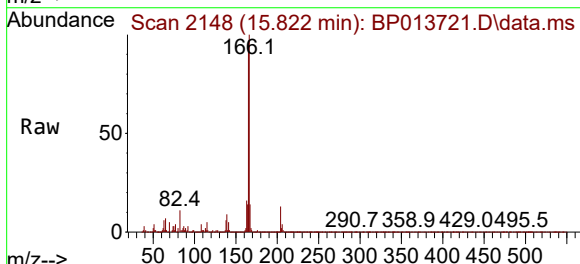
Instrument :
BNA_P
ClientSampleId :

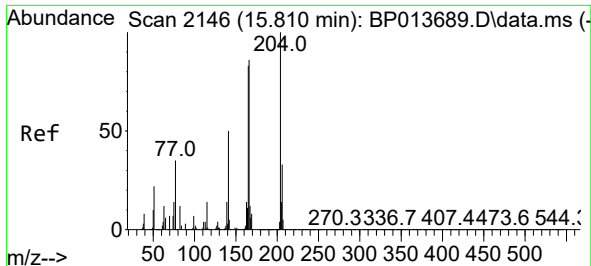
Tgt Ion:149 Resp: 2491475
Ion Ratio Lower Upper
149 100
177 24.9 19.2 28.8
150 12.6 10.0 15.0



#61
Fluorene
Concen: 34.234 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:166 Resp: 2429939
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 13.6 10.9 16.3

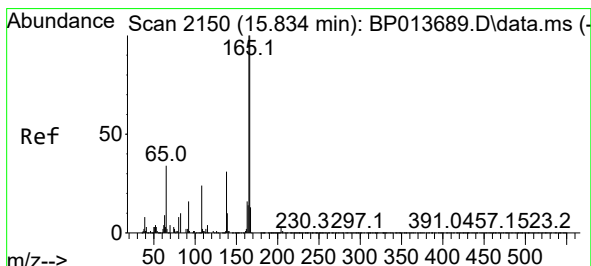
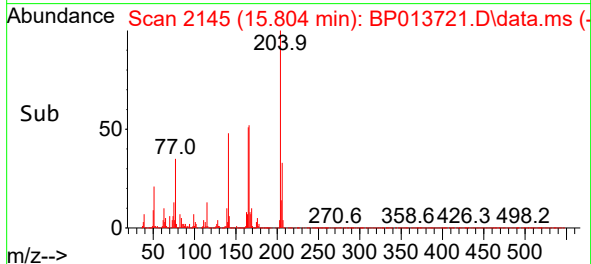
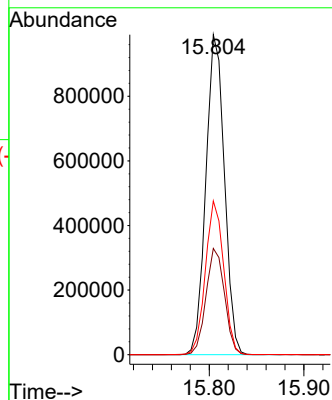
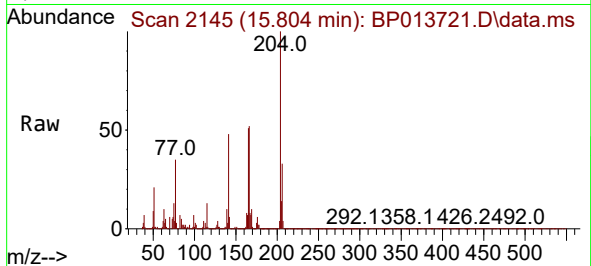




#62
4-Chlorophenyl-phenylether
Concen: 34.859 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

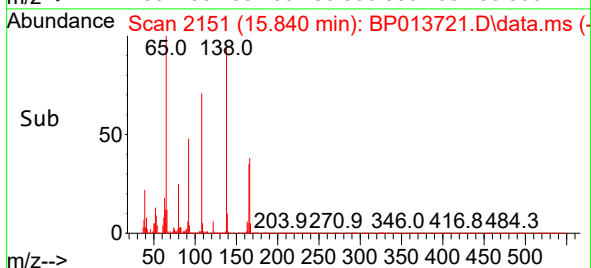
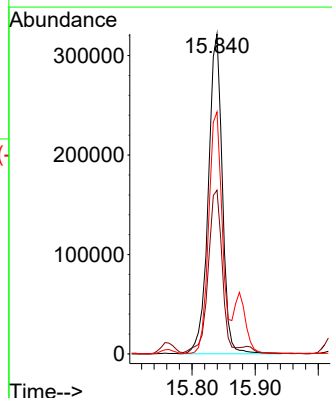
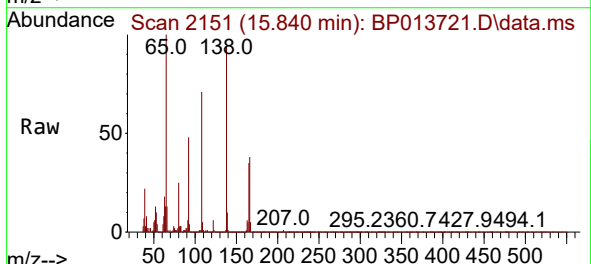
Instrument :
BNA_P
ClientSampleId :

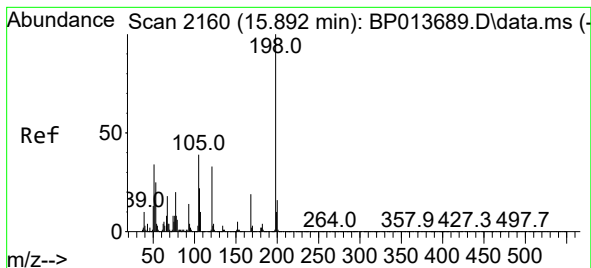
Tgt Ion:204 Resp: 1348046
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 48.1 39.7 59.5



#63
4-Nitroaniline
Concen: 47.553 ng/ul
RT: 15.840 min Scan# 2151
Delta R.T. 0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:138 Resp: 495576
Ion Ratio Lower Upper
138 100
92 51.2 41.7 62.5
108 75.7 62.0 93.0

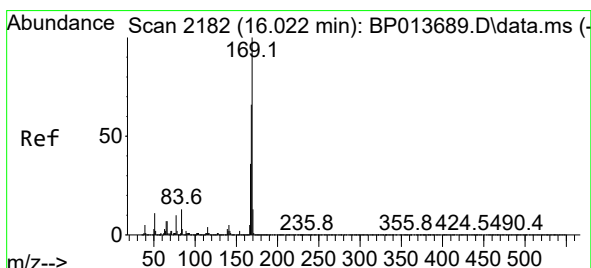
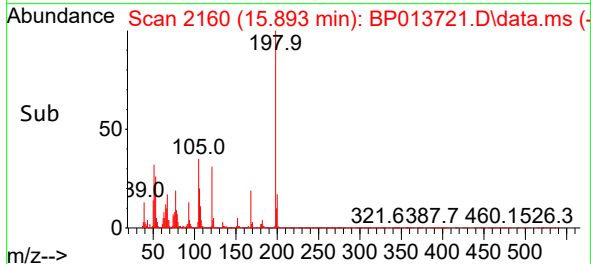
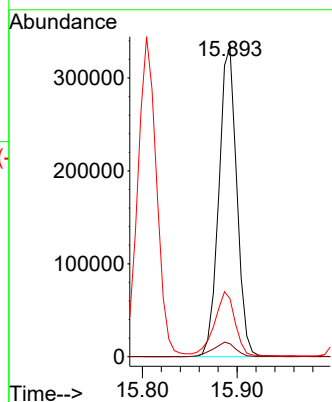
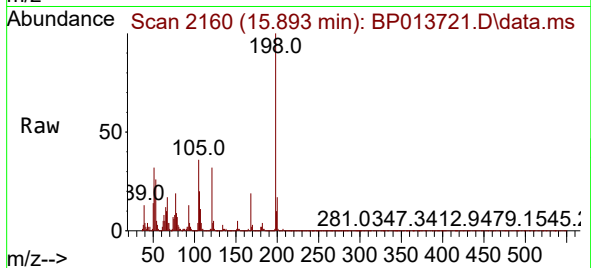




#66
4,6-Dinitro-2-methylphenol
Concen: 34.341 ng/ul
RT: 15.893 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

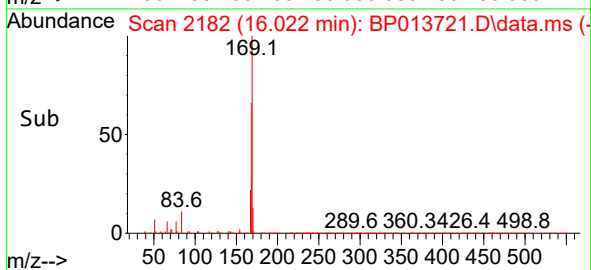
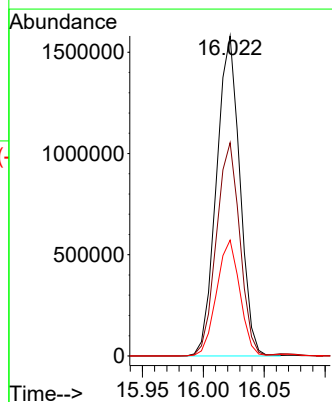
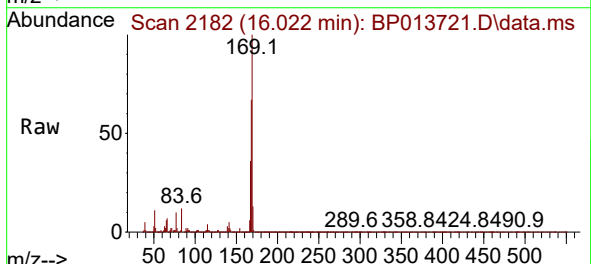
Instrument :
BNA_P
ClientSampleId :

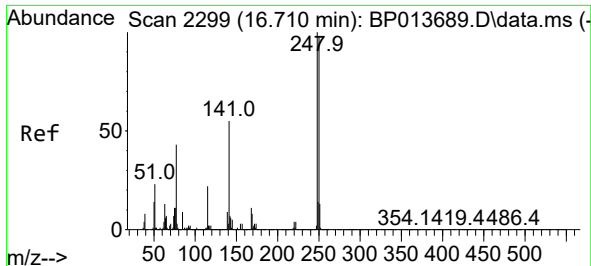
Tgt Ion:198 Resp: 439362
Ion Ratio Lower Upper
198 100
182 4.2 3.5 5.3
77 18.8 16.7 25.1



#67
N-Nitrosodiphenylamine
Concen: 34.089 ng/ul
RT: 16.022 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:169 Resp: 2110746
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.4
167 36.2 28.9 43.3

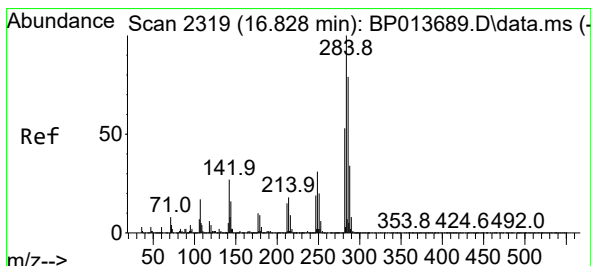
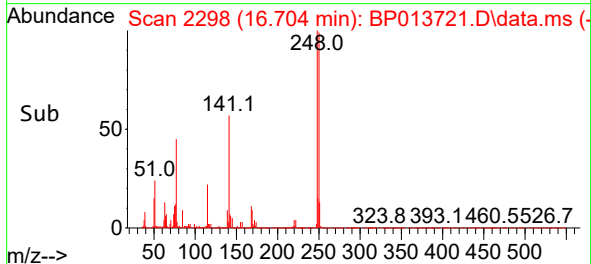
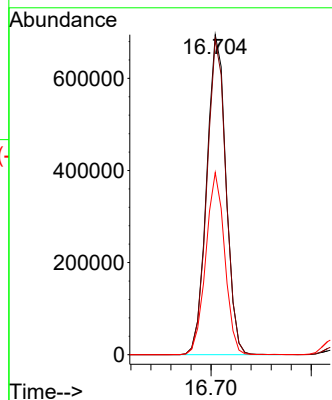
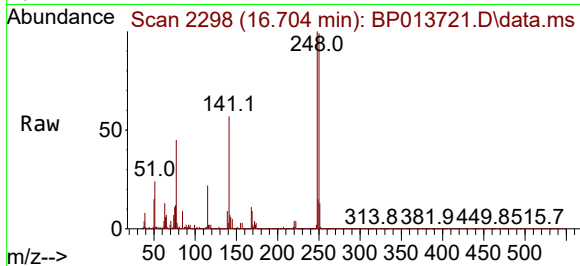




#68
4-Bromophenyl-phenylether
Concen: 35.548 ng/ul
RT: 16.704 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

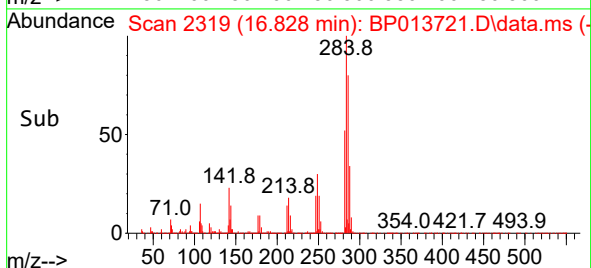
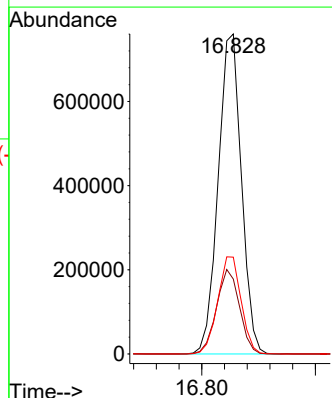
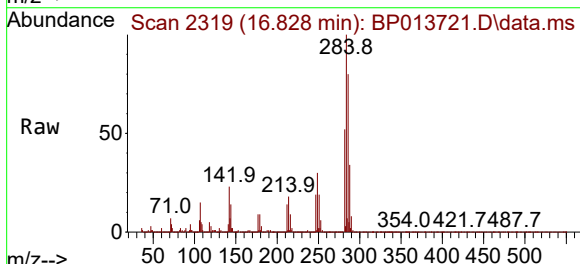
Instrument :
BNA_P
ClientSampleId :

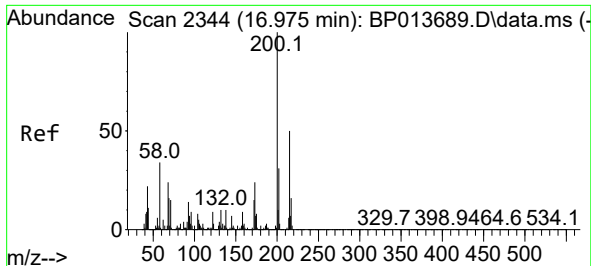
Tgt Ion:248 Resp: 927797
Ion Ratio Lower Upper
248 100
250 98.5 78.4 117.6
141 56.9 44.2 66.2



#69
Hexachlorobenzene
Concen: 35.268 ng/ul
RT: 16.828 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:284 Resp: 1079901
Ion Ratio Lower Upper
284 100
142 23.4 21.4 32.2
249 30.2 24.5 36.7

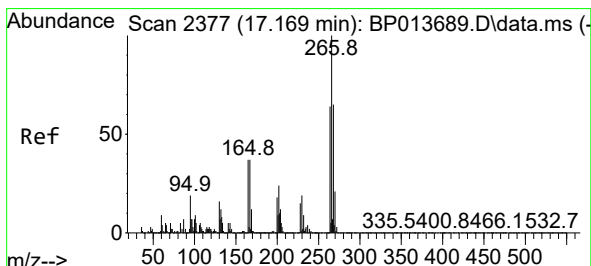
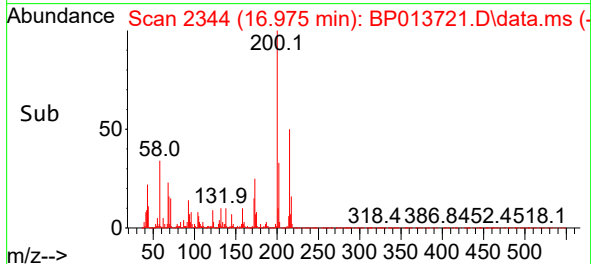
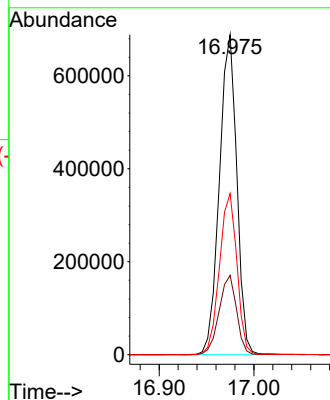
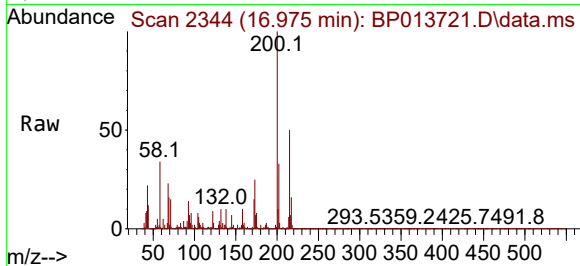




#70
Atrazine
Concen: 35.387 ng/ul
RT: 16.975 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

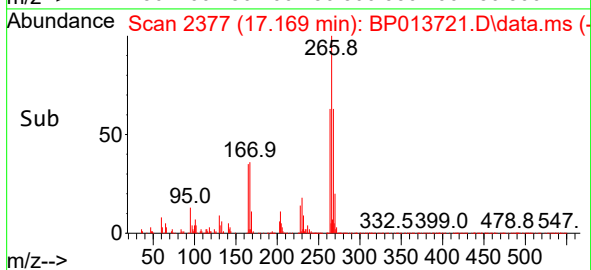
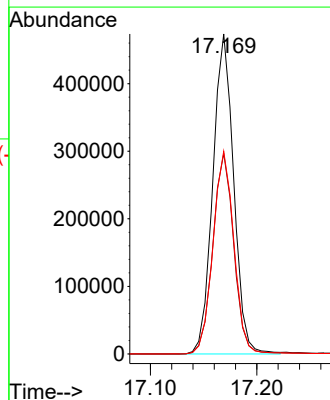
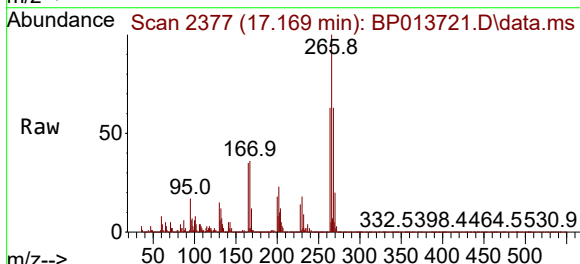
Instrument :
BNA_P
ClientSampleId :

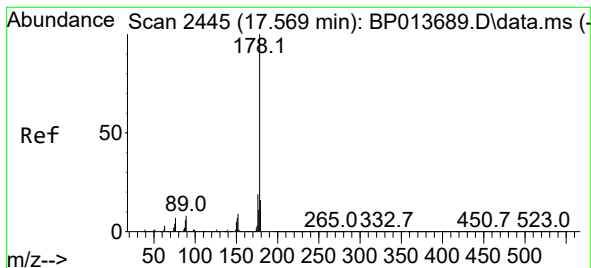
Tgt Ion:200 Resp: 881857
Ion Ratio Lower Upper
200 100
173 24.8 19.4 29.2
215 50.3 40.2 60.4



#71
Pentachlorophenol
Concen: 32.934 ng/ul
RT: 17.169 min Scan# 2377
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:266 Resp: 643664
Ion Ratio Lower Upper
266 100
264 62.6 51.2 76.8
268 63.3 51.8 77.8





#72

Phenanthrene

Concen: 34.898 ng/ul

RT: 17.569 min Scan# 2445

Delta R.T. 0.000 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

Instrument :

BNA_P

ClientSampleId :

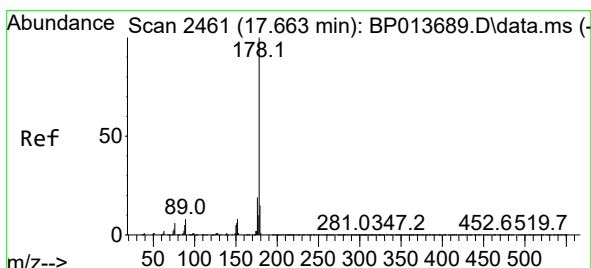
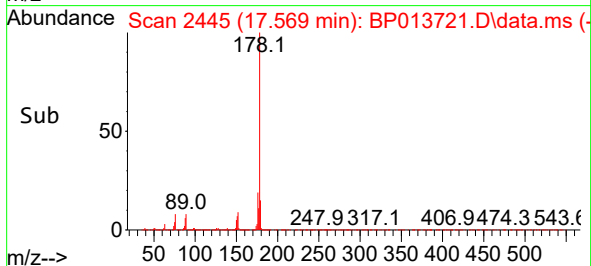
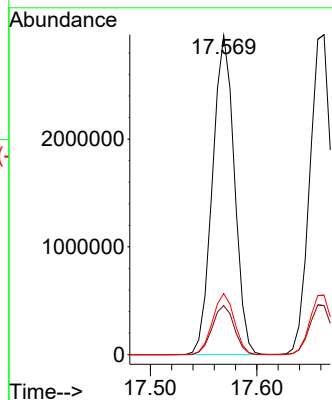
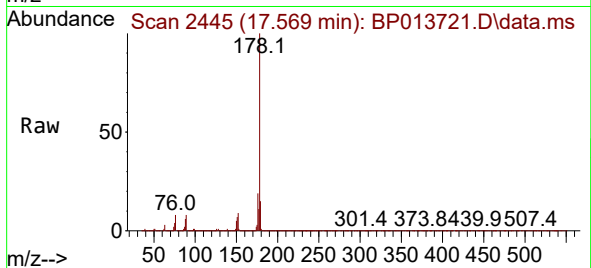
Tgt Ion:178 Resp: 4228740

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 19.1 15.4 23.2



#74

Anthracene

Concen: 34.461 ng/ul

RT: 17.663 min Scan# 2461

Delta R.T. 0.000 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

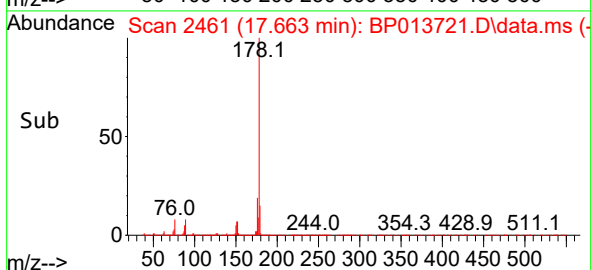
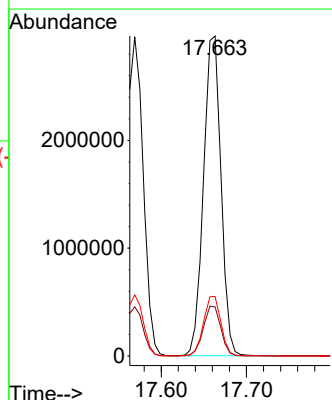
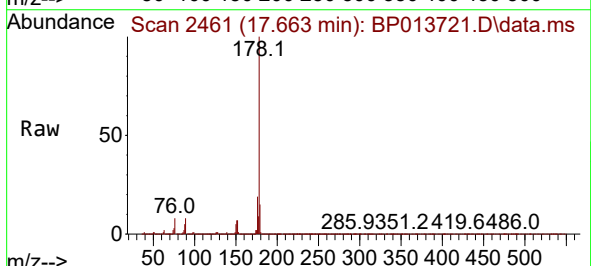
Tgt Ion:178 Resp: 4229499

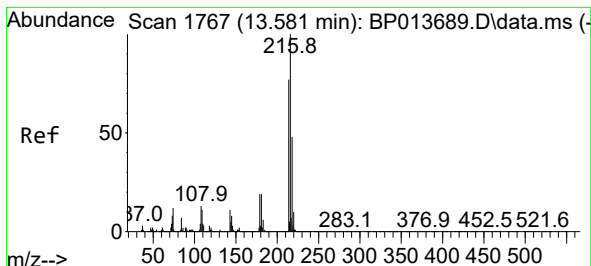
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 18.6 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.809 ng/uL

RT: 13.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

Instrument :

BNA_P

ClientSampleId :

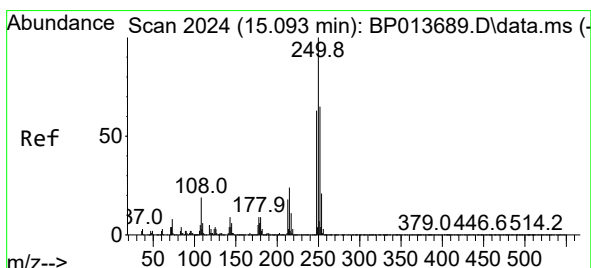
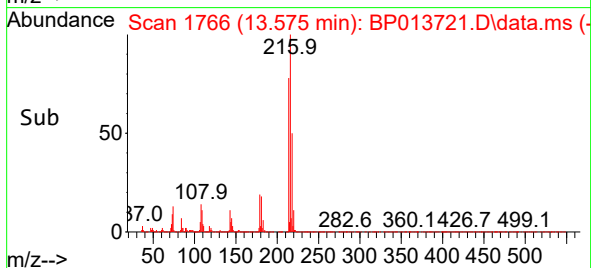
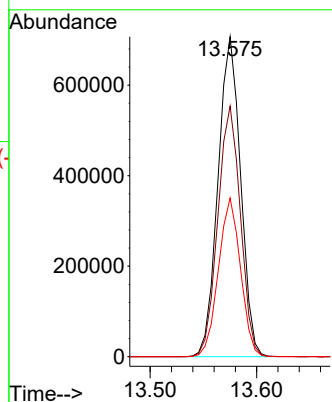
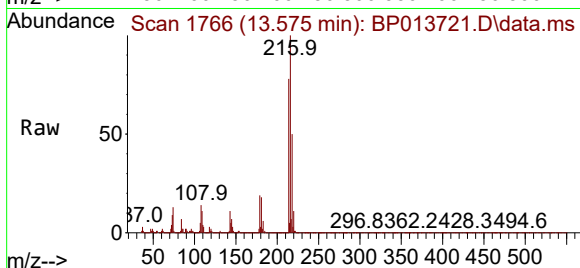
Tgt Ion:216 Resp: 1039564

Ion Ratio Lower Upper

216 100

214 78.3 61.4 92.0

218 49.6 38.4 57.6



#76

Pentachlorobenzene

Concen: 33.801 ng/uL

RT: 15.087 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

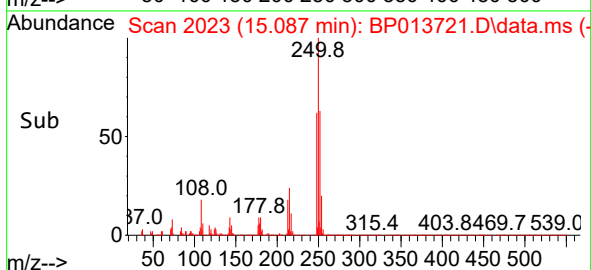
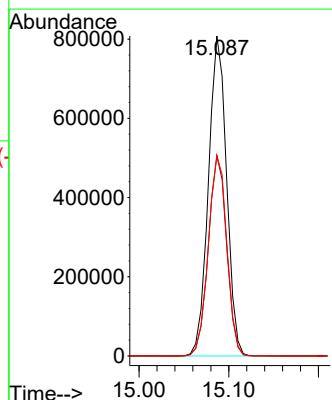
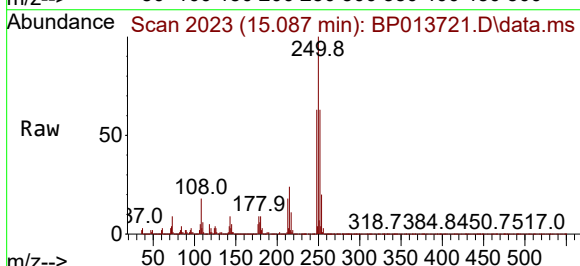
Tgt Ion:250 Resp: 1132514

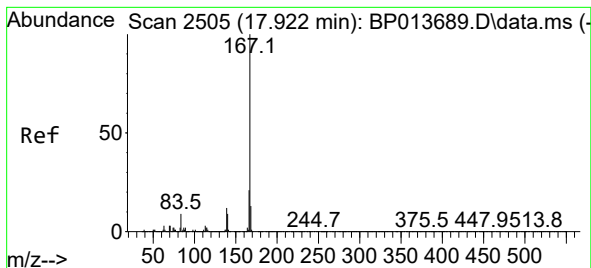
Ion Ratio Lower Upper

250 100

248 62.5 50.3 75.5

252 62.7 51.8 77.8





#77

Carbazole

Concen: 36.183 ng/ul

RT: 17.922 min Scan# 2505

Delta R.T. 0.000 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

Instrument :

BNA_P

ClientSampleId :

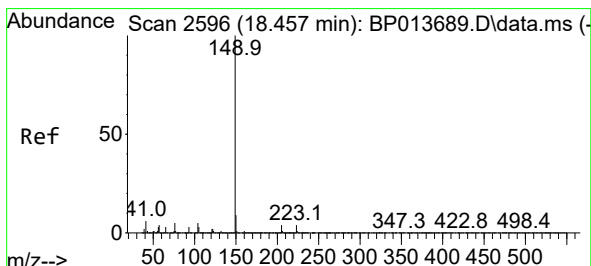
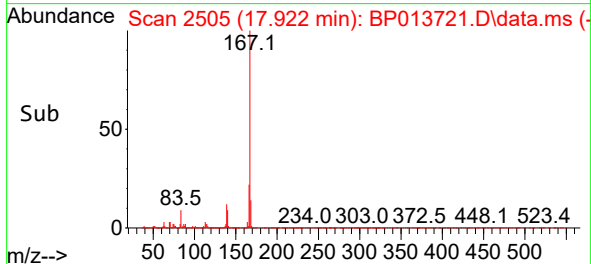
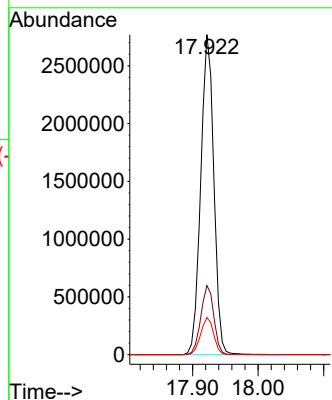
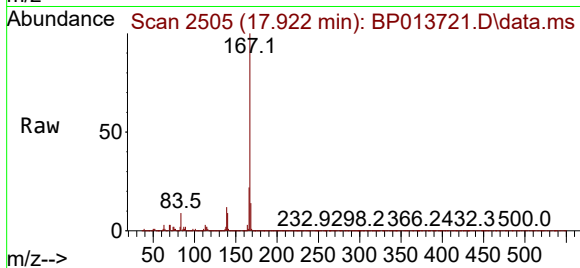
Tgt Ion:167 Resp: 3852537

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 11.6 9.4 14.2



#78

Di-n-butylphthalate

Concen: 35.192 ng/ul

RT: 18.457 min Scan# 2596

Delta R.T. 0.000 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

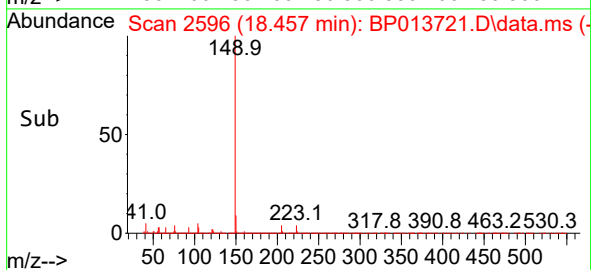
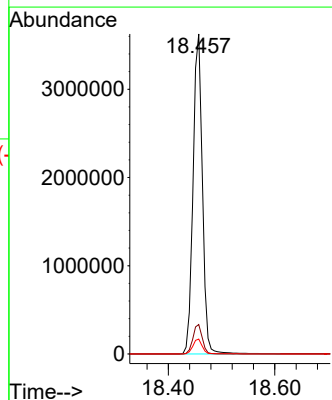
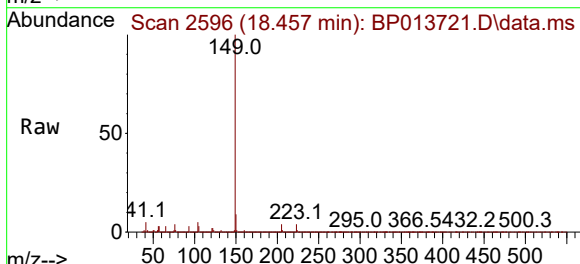
Tgt Ion:149 Resp: 4427405

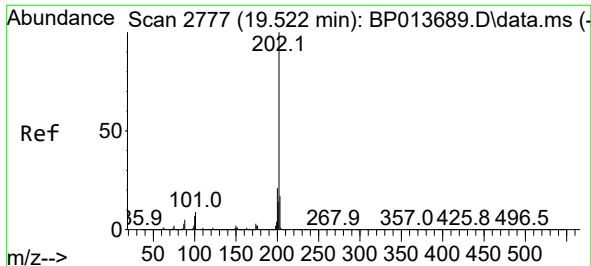
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.6 3.8 5.8

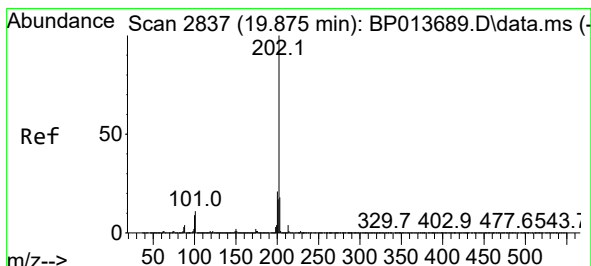
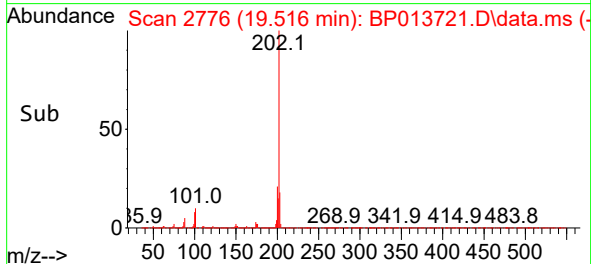
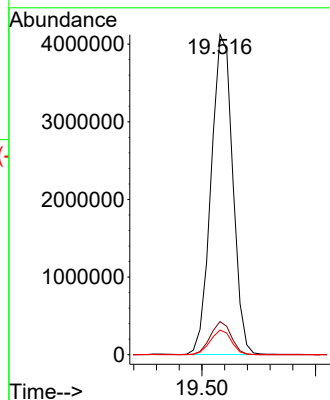
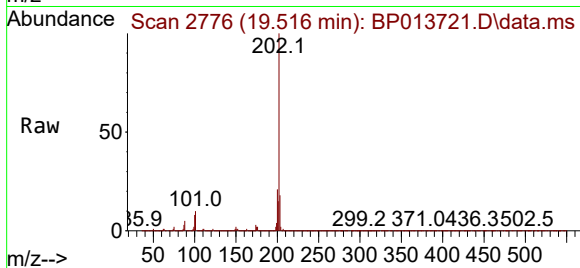




#80
Fluoranthene
Concen: 37.018 ng/ul
RT: 19.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

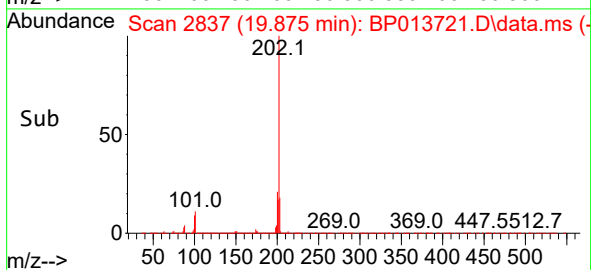
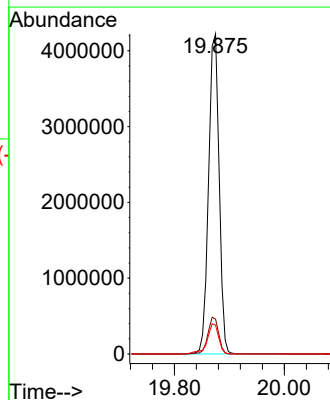
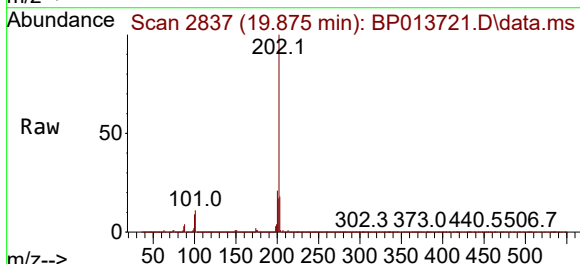
Instrument :
BNA_P
ClientSampleId :

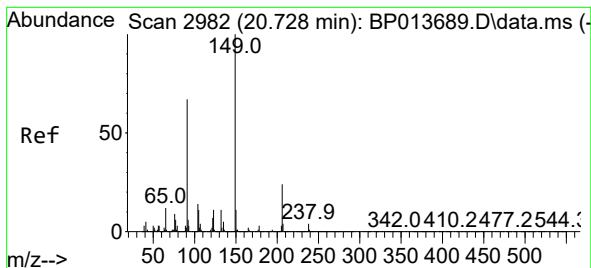
Tgt Ion:202 Resp: 5452910
Ion Ratio Lower Upper
202 100
101 10.3 7.6 11.4
100 7.7 5.7 8.5



#82
Pyrene
Concen: 37.253 ng/ul
RT: 19.875 min Scan# 2837
Delta R.T. 0.000 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:202 Resp: 5610464
Ion Ratio Lower Upper
202 100
101 10.9 8.8 13.2
100 9.0 7.3 10.9





#83

Butylbenzylphthalate

Concen: 43.340 ng/ul

RT: 20.728 min Scan# 2982

Delta R.T. 0.000 min

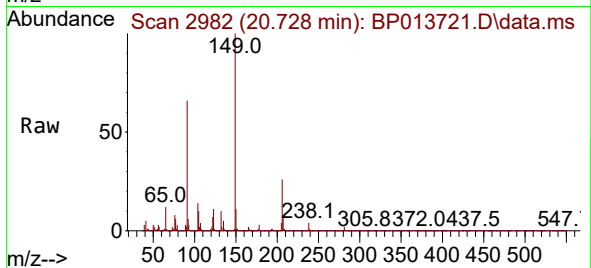
Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

Instrument :

BNA_P

ClientSampleId :



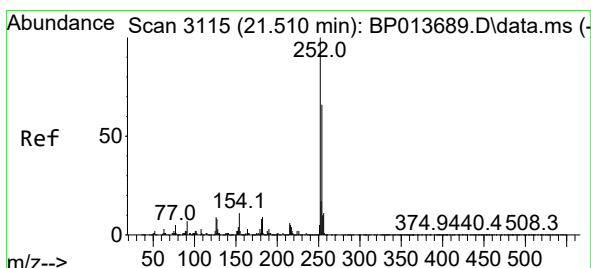
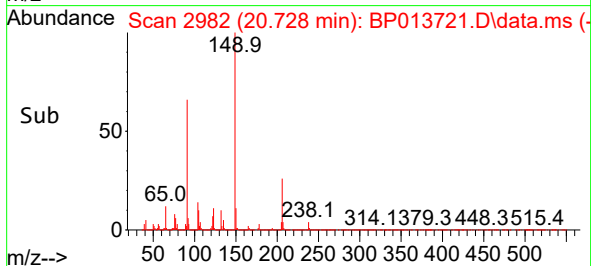
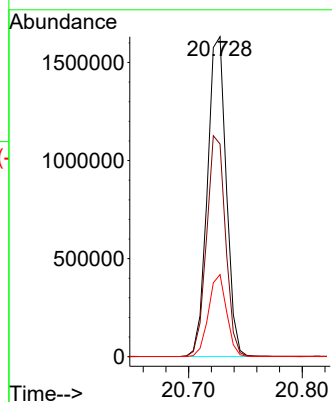
Tgt Ion:149 Resp: 1875286

Ion Ratio Lower Upper

149 100

91 66.5 53.9 80.9

206 25.6 19.4 29.2



#84

3,3'-Dichlorobenzidine

Concen: 23.644 ng/ul

RT: 21.510 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

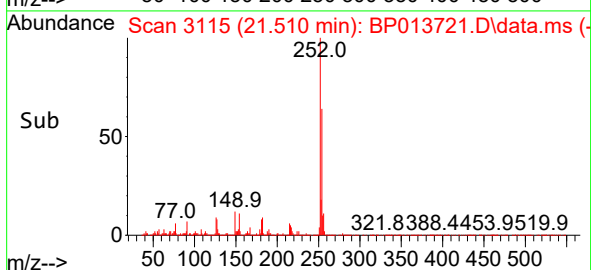
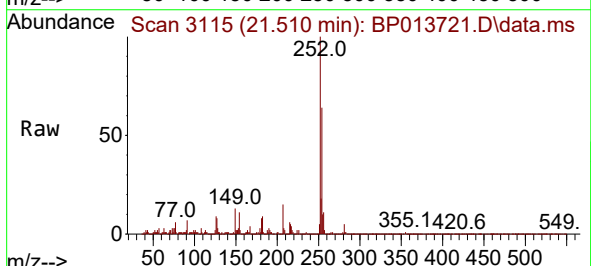
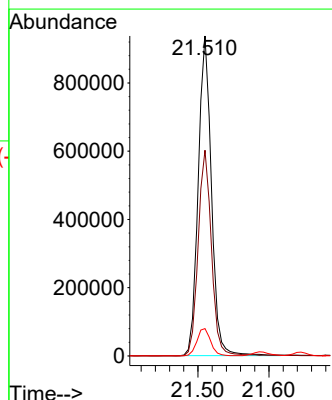
Tgt Ion:252 Resp: 1216864

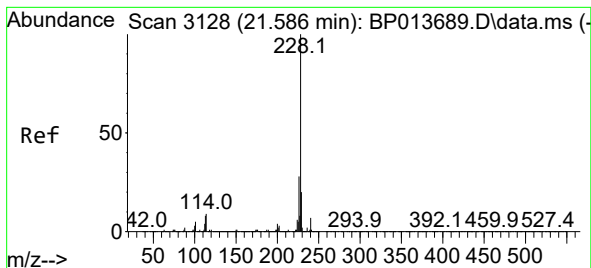
Ion Ratio Lower Upper

252 100

254 64.3 52.6 79.0

126 8.6 7.0 10.6





#85

Benzo(a)anthracene

Concen: 36.280 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

Instrument :

BNA_P

ClientSampleId :

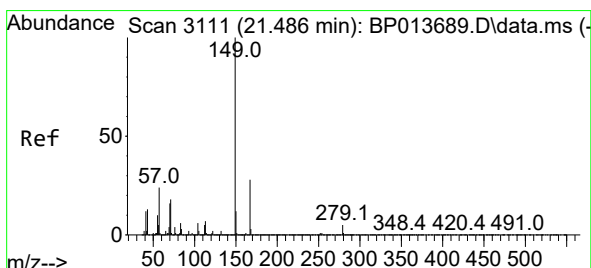
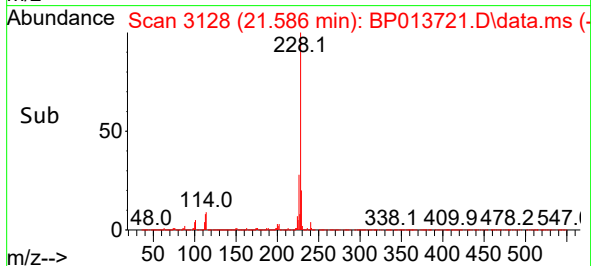
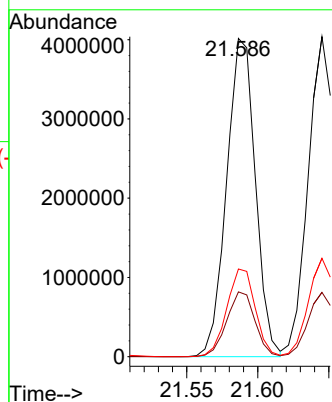
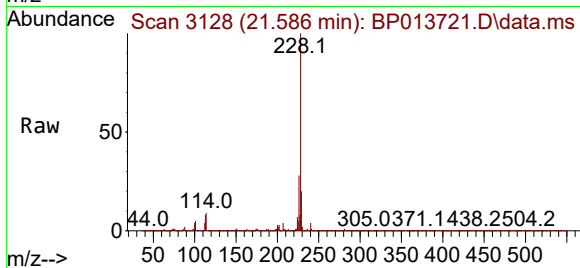
Tgt Ion:228 Resp: 5651630

Ion Ratio Lower Upper

228 100

229 20.3 15.8 23.8

226 27.5 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.678 ng/ul

RT: 21.486 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

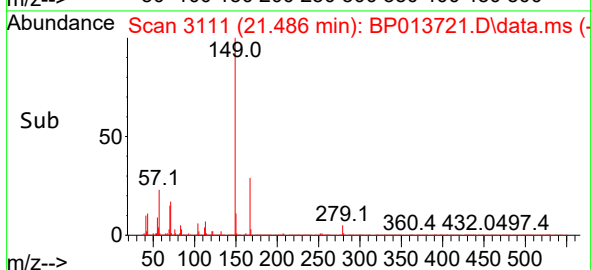
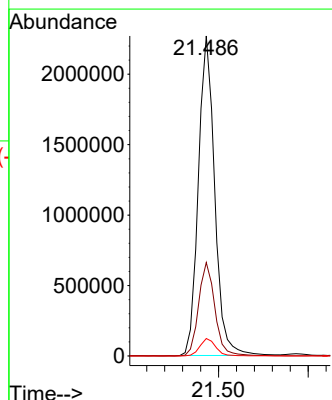
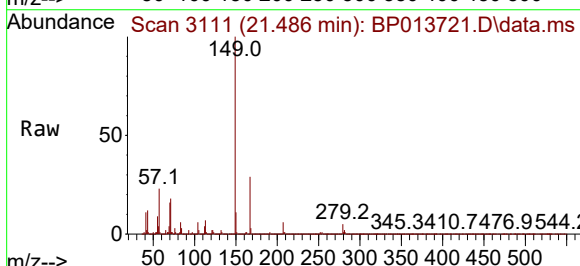
Tgt Ion:149 Resp: 2869321

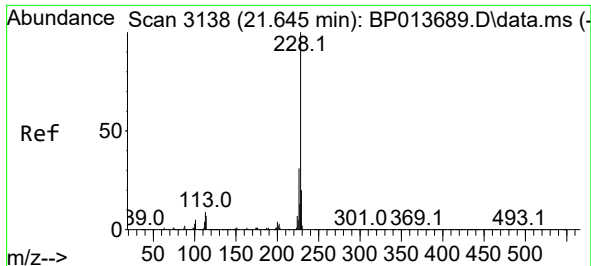
Ion Ratio Lower Upper

149 100

167 29.2 22.7 34.1

279 5.4 3.9 5.9





#87

Chrysene

Concen: 36.632 ng/ul

RT: 21.645 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

Instrument :

BNA_P

ClientSampleId :

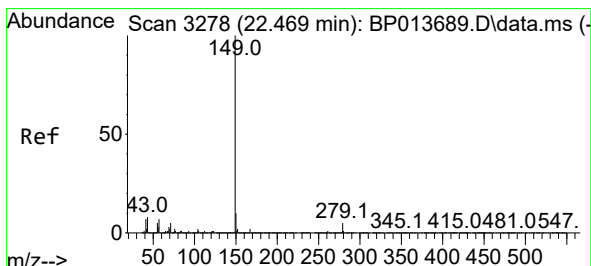
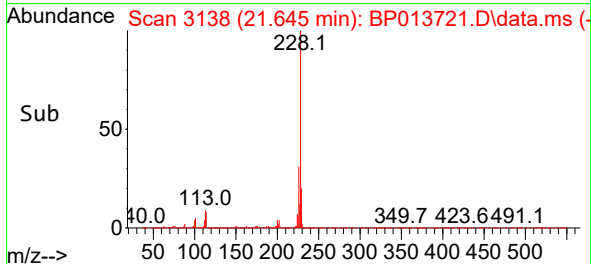
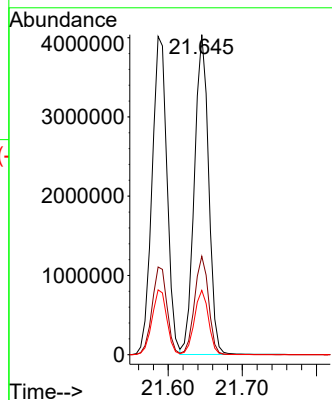
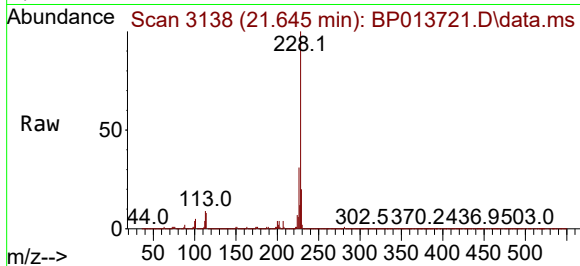
Tgt Ion:228 Resp: 5372582

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 20.1 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 37.285 ng/ul

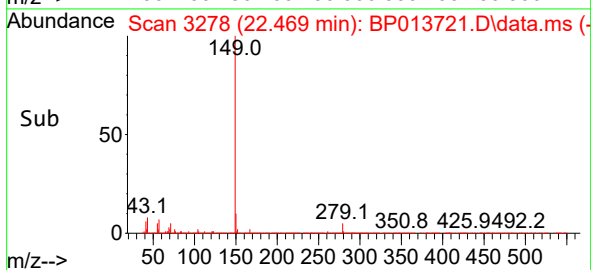
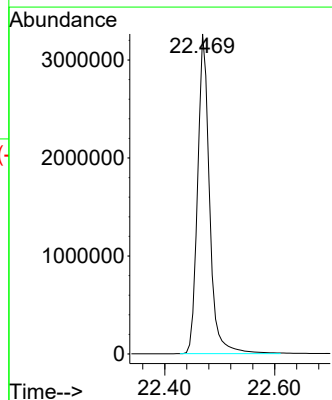
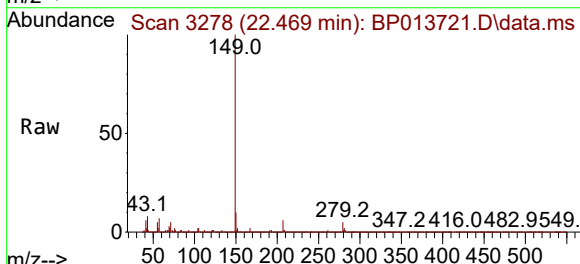
RT: 22.469 min Scan# 3278

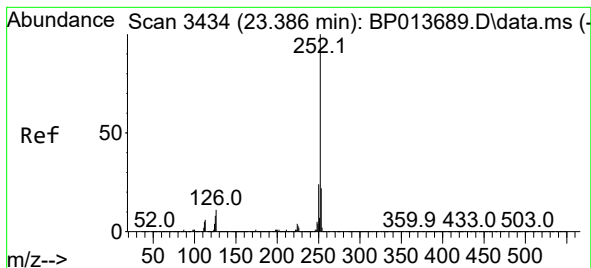
Delta R.T. 0.000 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

Tgt Ion:149 Resp: 4925702





#90

Benzo(b)fluoranthene

Concen: 37.210 ng/ul

RT: 23.392 min Scan# 3435

Delta R.T. 0.006 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

Instrument :

BNA_P

ClientSampleId :

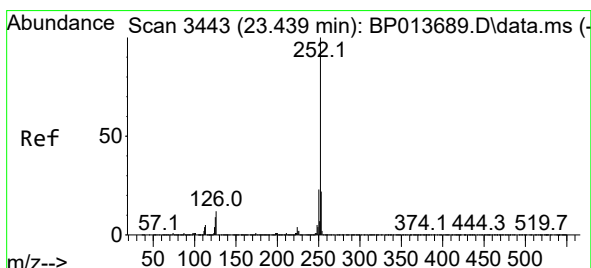
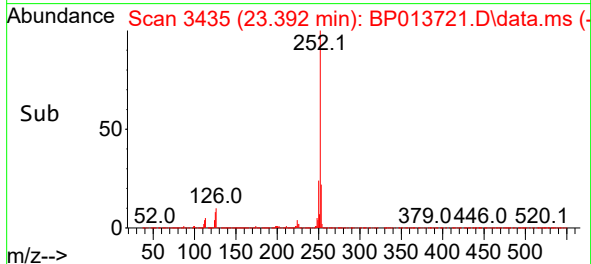
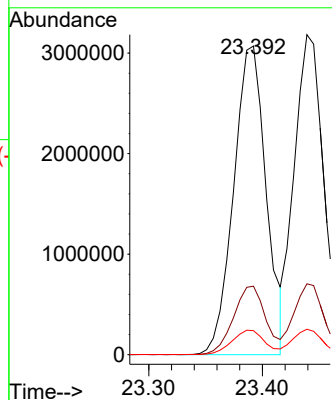
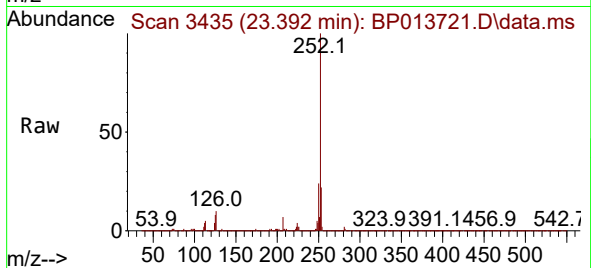
Tgt Ion:252 Resp: 6091914

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 7.8 6.5 9.7



#91

Benzo(k)fluoranthene

Concen: 36.677 ng/ul

RT: 23.439 min Scan# 3443

Delta R.T. 0.000 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

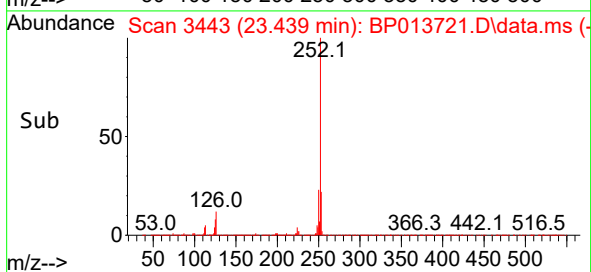
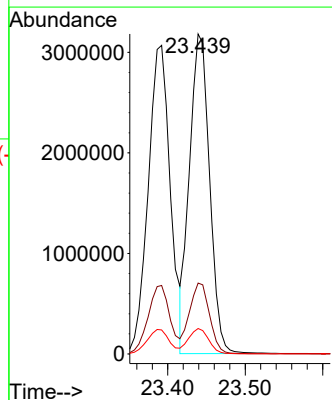
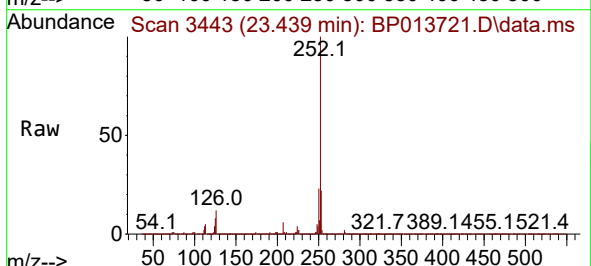
Tgt Ion:252 Resp: 5738847

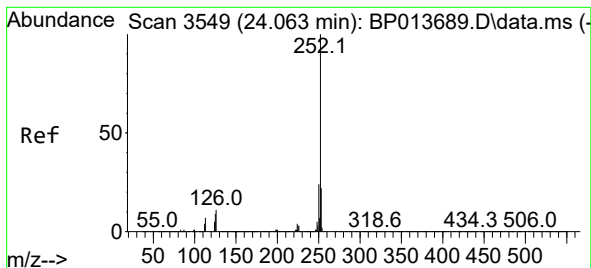
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 7.9 6.7 10.1





#93

Benzo(a)pyrene

Concen: 35.843 ng/ul

RT: 24.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

Instrument :

BNA_P

ClientSampleId :

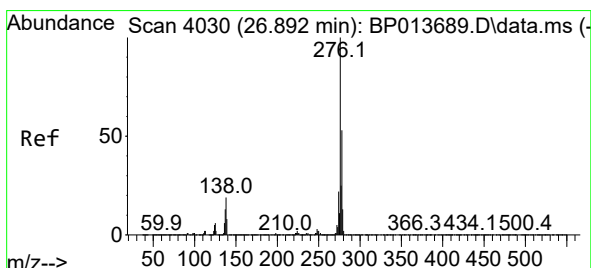
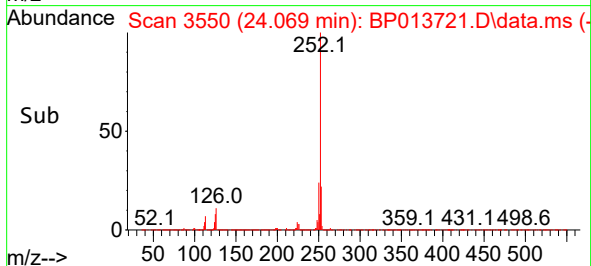
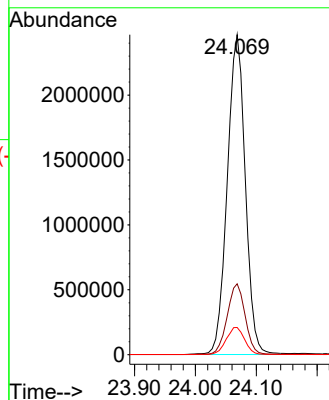
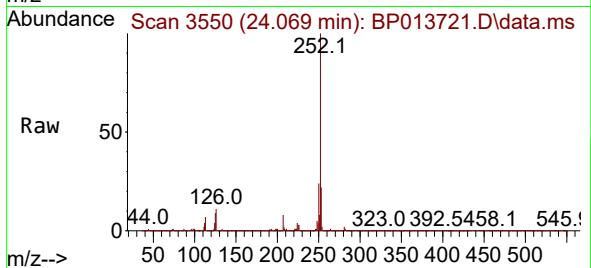
Tgt Ion:252 Resp: 5066001

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.5 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.637 ng/ul

RT: 26.898 min Scan# 4031

Delta R.T. 0.006 min

Lab File: BP013721.D

Acq: 02 Feb 2023 21:46

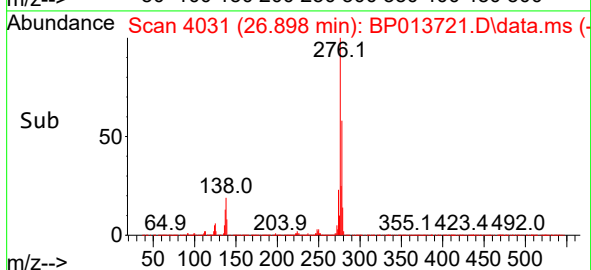
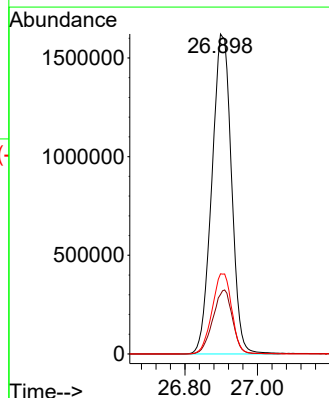
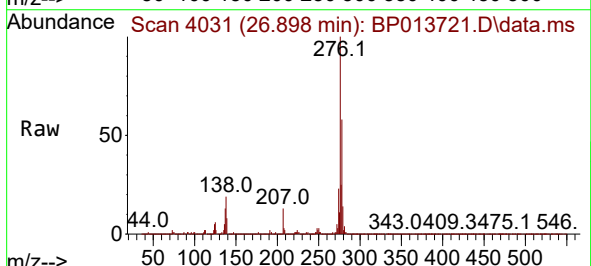
Tgt Ion:276 Resp: 6065500

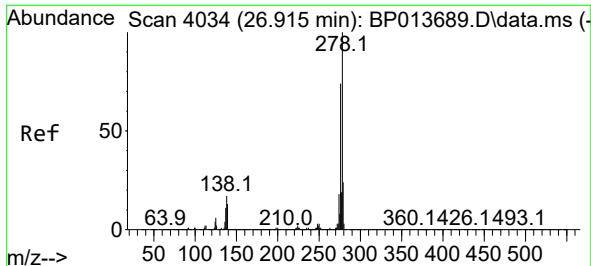
Ion Ratio Lower Upper

276 100

138 18.6 15.0 22.6

277 25.1 20.2 30.2

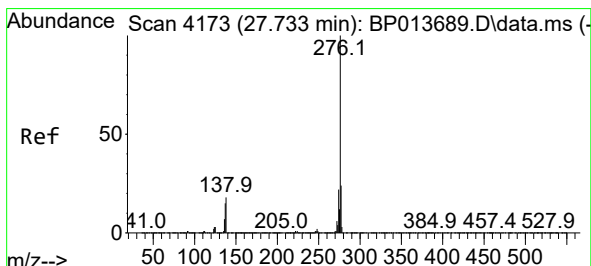
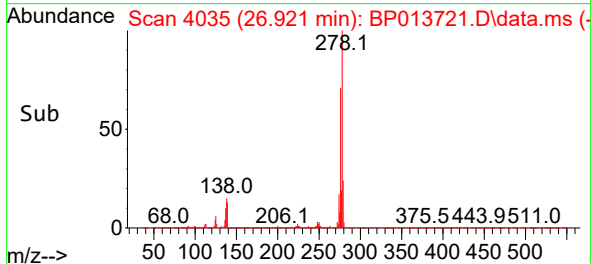
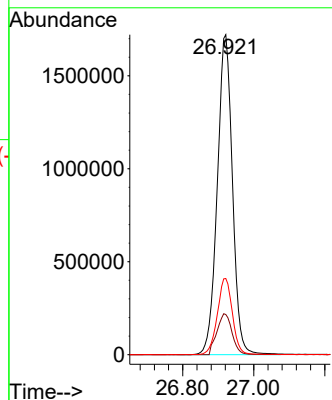
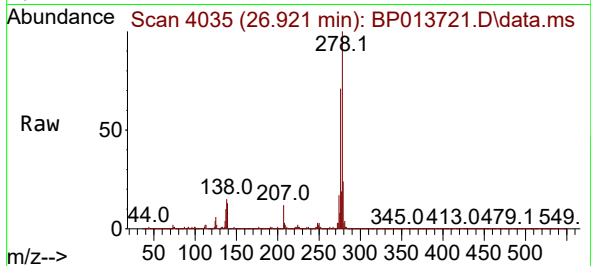




#95
Dibenzo(a,h)anthracene
Concen: 35.034 ng/ul
RT: 26.921 min Scan# 4034
Delta R.T. 0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 5086013
Ion Ratio Lower Upper
278 100
139 12.6 10.2 15.4
279 23.8 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 33.879 ng/ul
RT: 27.739 min Scan# 4174
Delta R.T. 0.006 min
Lab File: BP013721.D
Acq: 02 Feb 2023 21:46

Tgt Ion:276 Resp: 4693412
Ion Ratio Lower Upper
276 100
138 18.1 14.3 21.5
277 24.1 19.2 28.8

